

REPUBLIC OF KAZAKHSTAN

Phone: +7 (7172) 704282
AFS: UAAKYNXX
Email: aip@ans.kz
Post: Bldg 15, E522 str.,
010014 Astana,
Republic of Kazakhstan

AIRAC AMDT 011/2026
Effective Date: **29 Oct 2026**

1. Amendment content:

GEN

GEN 0.2 Information updated

GEN 0.4 Information updated

GEN 1.1 Information updated

ENR

ENR 2.1 TARAŽ APP — deleted

AD

UATE AD 2.7 — Information updated

UAAA AD 2.8 — Change of allocation for stands 105A/B, 106, 106A/B: from apron No. 1 to apron No. 5

UAAH AD 2.3, 2.11 — Information updated

UASW AD 2.2, 2.12 — Information updated

UASP AD 2.8 — Width of TWY A changed; AD 2.12 — PCN and surface of the runway and stopway changed, strip dimensions changed; AD 2.14 — RWY 21 approach lighting length changed to 900 m; AD 2.16 — Helicopter landing area added; AD 2.20 — Information updated; AD 2.22 — Information updated

UAAT AD 2.24 — Aerodrome Obstacle Chart – Type A – ICAO added

UADD AD 2.18 — TARAŽ APP — deleted

AD 2.24 Changes in aeronautical charts

2. Hand corrections to the following pages:

Nil

3. Record entry of amendment in GEN 0.2.**4. This AIP amendment incorporates information contained in the following publications:**

NOTAM series K:

K1924/26, K1926/26, K1927/26, K1928/26, K2170/26

NOTAM series A:

Nil

NOTAM series C:

Nil

NOTAM incorporated to this AMDT will be cancelled by NOTAMC on the 13 NOV 2026

SUP:

Nil

AIC:

Nil

5. Insert / remove the pages as shown in list on the next page:

GEN 0.2 - 1/2
 GEN 0.4 - 1/2
 GEN 0.4 - 3/4
 GEN 0.4 - 5/6
 GEN 0.4 - 7/8
 GEN 0.4 - 9/10
 GEN 0.4 - 11/12
 GEN 1.1 - 1/2
 ENR 2.1 - 13/14
 AD 2 UATE - 3/4
 AD 2 UATE - 5/6
 AD 2 UATE - 7/8
 AD 2 UATE - 9/10
 AD 2 UATE - 11/12
 AD 2 UATE - 13/14
 AD 2 UATE ADC 2 24 1 - 1/2
 AD 2 UAAA - 3/4
 AD 2 UAAA ADC 2 24 3 - 1/2
 AD 2 UAUR ADC 2 24 1 - 1/2
 AD 2 UAUR ADC 2 24 6 - 1/2
 AD 2 UAUR ADC 2 24 7 1 - 1/2
 AD 2 UAUR ADC 2 24 9 3 - 1/2
 AD 2 UAUR ADC 2 24 9 5 - 1/2
 AD 2 UAUR ADC 2 24 9 6 - 1/2
 AD 2 UAUR ADC 2 24 11 7 - 1/2
 AD 2 UAUR ADC 2 24 11 8 - 1/2
 AD 2 UACC ADC 2 24 11 1 - 1/2
 AD 2 UACC ADC 2 24 11 3 - 1/2
 AD 2 UAAH - 1/2
 AD 2 UAAH - 3/4
 AD 2 UAAH - 9/10
 AD 2 UASW - 1/2
 AD 2 UASW - 3/4
 AD 2 UASW ADC 2 24 1 - 1/2
 AD 2 UASP - 3/4
 AD 2 UASP - 5/6
 AD 2 UASP - 7/8
 AD 2 UASP - 9/10
 AD 2 UASP - 11/12
 AD 2 UASP ADC 2 24 1 - 1/2
 AD 2 UASP ADC 2 24 3 - 1/2
 AD 2 UAAT - 9/10
 AD 2 UAAT ADC 2 24 4 - 1/2
 AD 2 UADD - 7/8
 AD 2 UASK ADC 2 24 1 - 1/2

[illegible]

GEN 0.2 - 1/2
 GEN 0.4 - 1/2
 GEN 0.4 - 3/4
 GEN 0.4 - 5/6
 GEN 0.4 - 7/8
 GEN 0.4 - 9/10
 GEN 0.4 - 11/12
 GEN 1.1 - 1/2
 ENR 2.1 - 13/14
 AD 2 UATE - 3/4
 AD 2 UATE - 5/6
 AD 2 UATE - 7/8
 AD 2 UATE - 9/10
 AD 2 UATE - 11/12
 AD 2 UATE - 13/14
 AD 2 UATE ADC 2 24 1 - 1/2
 AD 2 UAAA - 3/4
 AD 2 UAAA ADC 2 24 3 - 1/2
 AD 2 UAUR ADC 2 24 1 - 1/2
 AD 2 UAUR ADC 2 24 6 - 1/2
 AD 2 UAUR ADC 2 24 7 1 - 1/2
 AD 2 UAUR ADC 2 24 9 3 - 1/2
 AD 2 UAUR ADC 2 24 9 5 - 1/2
 AD 2 UAUR ADC 2 24 9 6 - 1/2
 AD 2 UAUR ADC 2 24 11 7 - 1/2
 AD 2 UAUR ADC 2 24 11 8 - 1/2
 AD 2 UACC ADC 2 24 11 1 - 1/2
 AD 2 UACC ADC 2 24 11 3 - 1/2
 AD 2 UAAH - 1/2
 AD 2 UAAH - 3/4
 AD 2 UAAH - 9/10
 AD 2 UASW - 1/2
 AD 2 UASW - 3/4
 AD 2 UASW ADC 2 24 1 - 1/2
 AD 2 UASP - 3/4
 AD 2 UASP - 5/6
 AD 2 UASP - 7/8
 AD 2 UASP - 9/10
 AD 2 UASP - 11/12
 AD 2 UASP ADC 2 24 1 - 1/2
 AD 2 UASP ADC 2 24 3 - 1/2
 AD 2 UAAT - 9/10

 AD 2 UADD - 7/8
 AD 2 UASK ADC 2 24 1 - 1/2

23 FEB 2023
01 OCT 2026
01 OCT 2026
01 OCT 2026
01 OCT 2026
01 OCT 2026
26 JAN 2023
01 OCT 2026
19 MAR 2026
19 MAR 2026
16 APR 2026
16 APR 2026
16 APR 2026
16 APR 2026
19 MAR 2026
01 OCT 2026
01 OCT 2026
01 OCT 2026
03 SEP 2026
03 SEP 2026
03 SEP 2026
03 SEP 2026
03 SEP 2026
03 SEP 2026
03 SEP 2026
09 JUL 2026
09 JUL 2026
01 OCT 2026
07 AUG 2025
27 NOV 2025
01 OCT 2026
03 SEP 2026
03 SEP 2026
03 SEP 2026
03 SEP 2026
03 SEP 2026
03 SEP 2026
03 SEP 2026
05 OCT 2023
01 OCT 2026
06 AUG 2026

01 OCT 2026
15 MAY 2025

GEN 0.2 RECORD OF AIP AMENDMENTS

AIRAC AIP AMENDMENT			
<i>NR/Year</i>	<i>Publication date</i>	<i>Effective date</i>	<i>Inserted by</i>
001/2017	16-Feb-2017	30-Mar-2017	
002/2017	13-Apr-2017	25-May-2017	
003/2017	08-Jun-2017	20-Jul-2017	
004/2017	03-Aug-2017	14-Sep-2017	
005/2017	28-Sep-2017	09-Nov-2017	
001/2018	21-Dec-2017	01-Feb-2018	
002/2018	15-Mar-2018	26-Apr-2018	
003/2018	10-May-2018	21-Jun-2018	
004/2018	05-Jul-2018	16-Aug-2018	
005/2018	27-Sep-2018	08-Nov-2018	
001/2019	20-Dec-2018	31-Jan-2019	
002/2019	17-Jan-2019	28-Feb-2019	
003/2019	14-Feb-2019	28-Mar-2019	
004/2019	11-Apr-2019	23-May-2019	
005/2019	06-Jun-2019	18-Jul-2019	
006/2019	12-Sep-2019	07-Nov-2019	
007/2019	24-Oct-2019	05-Dec-2019	
001/2020	05-Dec-2019	30-Jan-2020	
002/2020	12-Mar-2020	23-Apr-2020	
003/2020	04-Jun-2020	16-Jul-2020	
004/2020	16-Jul-2020	10-Sep-2020	
005/2020	08-Oct-2020	03-Dec-2020	
001/2021	14-Jan-2021	25-Feb-2021	
002/2021	08-Apr-2021	20-May-2021	
003/2021	03-Jun-2021	15-Jul-2021	
004/2021	01-Jul-2021	12-Aug-2021	
005/2021	23-Sep-2021	04-Nov-2021	
006/2021	21-Oct-2021	02-Dec-2021	
001/2022	13-Jan-2022	24-Feb-2022	
002/2022	07-Apr-2022	19-May-2022	
003/2022	30-Jun-2022	11-Aug-2022	
004/2022	25-Aug-2022	06-Oct-2022	
005/2022	20-Oct-2022	01-Dec-2022	
001/2023	15-Dec-2022	26-Jan-2023	
002/2023	12-Jan-2023	23-Feb-2023	

AIRAC AIP AMENDMENT			
NR/Year	Publication date	Effective date	Inserted by
003/2023	09-Mar-2023	20-Apr-2023	
004/2023	04-May-2023	15-Jun-2023	
005/2023	29-Jun-2023	10-Aug-2023	
006/2023	24-Aug-2023	05-Oct-2023	
007/2023	21-Sep-2023	02-Nov-2023	
008/2023	19-Oct-2023	30-Nov-2023	
001/2024	14-Dec-2023	25-Jan-2024	
002/2024	08-Feb-2024	21-Mar-2024	
003/2024	04-Apr-2024	16-May-2024	
004/2024	30-May-2024	11-Jul-2024	
005/2024	27-Jun-2024	08-Aug-2024	
006/2024	25-Jul-2024	05-Sep-2024	
007/2024	19-Sep-2024	31-Oct-2024	
001/2025	12-Dec-2024	23-Jan-2025	
002/2025	09-Jan-2025	20-Feb-2025	
003/2025	06-Feb-2025	20-Mar-2025	
004/2025	06-Mar-2025	17-Apr-2025	
005/2025	03-Apr-2025	15-May-2025	
006/2025	01-May-2025	12-Jun-2025	
007/2025	29-May-2025	10-Jul-2025	
008/2025	26-Jun-2025	07-Aug-2025	
009/2025	24-Jul-2025	04-Sep-2025	
010/2025	04-Sep-2025	30-Oct-2025	
011/2025	16-Oct-2025	27-Nov-2025	
001/2026	11-Dec-2025	22-Jan-2026	
002/2026	25-Dec-2025	19-Feb-2026	
003/2026	05-Feb-2026	19-Mar-2026	
004/2026	05-Mar-2026	16-Apr-2026	
005/2026	02-Apr-2026	14-May-2026	
006/2026	16-Apr-2026	11-Jun-2026	
007/2026	14-May-2026	09-Jul-2026	
008/2026	25-Jun-2026	06-Aug-2026	
009/2026	09-Jul-2026	03-Sep-2026	
010/2026	20-Aug-2026	01-Oct-2026	
011/2026	17-Sep-2026	29-Oct-2026	

Page	Date	Page	Date	Page	Date
------	------	------	------	------	------

GEN 0.4 CHECKLIST OF AIP PAGES**PART 1 - GENERAL (GEN)****GEN 0**

GEN-0.1 - 1	30 JAN 2020	GEN-0.4 - 1	29 OCT 2026	GEN-0.4 - 9	29 OCT 2026
GEN-0.1 - 2	10 AUG 2023	GEN-0.4 - 2	29 OCT 2026	GEN-0.4 - 10	29 OCT 2026
GEN-0.1 - 3	30 JAN 2020	GEN-0.4 - 3	29 OCT 2026	GEN-0.4 - 11	29 OCT 2026
GEN-0.1 - 4	30 MAR 2017	GEN-0.4 - 4	29 OCT 2026	GEN-0.4 - 12	29 OCT 2026
GEN-0.2 - 1	23 FEB 2023	GEN-0.4 - 5	29 OCT 2026	GEN-0.5 - 1	30 MAR 2017
GEN-0.2 - 2	29 OCT 2026	GEN-0.4 - 6	29 OCT 2026	GEN-0.5 - 2	30 MAR 2017
GEN-0.3 - 1	01 OCT 2026	GEN-0.4 - 7	29 OCT 2026	GEN-0.6 - 1	10 SEP 2020
GEN-0.3 - 2	30 MAR 2017	GEN-0.4 - 8	29 OCT 2026	GEN-0.6 - 2	10 SEP 2020

GEN 1 NATIONAL REGULATIONS AND REQUIREMENTS

GEN-1.1 - 1	29 OCT 2026	GEN-1.3 - 1	07 NOV 2019	GEN-1.7 - 3	12 AUG 2021
GEN-1.1 - 2	29 OCT 2026	GEN-1.3 - 2	07 NOV 2019	GEN-1.7 - 4	12 AUG 2021
GEN-1.2 - 1	16 MAY 2024	GEN-1.4 - 1	25 FEB 2021	GEN-1.7 - 5	12 AUG 2021
GEN-1.2 - 2	20 FEB 2025	GEN-1.4 - 2	25 FEB 2021	GEN-1.7 - 6	12 AUG 2021
GEN-1.2 - 3	20 FEB 2025	GEN-1.5 - 1	07 NOV 2019	GEN-1.7 - 7	12 AUG 2021
GEN-1.2 - 4	20 FEB 2025	GEN-1.5 - 2	07 NOV 2019	GEN-1.7 - 8	12 JUN 2025
GEN-1.2 - 5	20 FEB 2025	GEN-1.6 - 1	07 NOV 2019	GEN-1.7 - 9	14 MAY 2026
GEN-1.2 - 6	11 JUL 2024	GEN-1.6 - 2	07 NOV 2019	GEN-1.7 - 10	14 MAY 2026
GEN-1.2 - 7	11 JUL 2024	GEN-1.7 - 1	12 AUG 2021		
GEN-1.2 - 8	25 FEB 2021	GEN-1.7 - 2	12 AUG 2021		

GEN 2 TABLES AND CODES

GEN-2.1 - 1	01 OCT 2026	GEN-2.5 - 1	03 SEP 2026	GEN-2.7 - 13	03 SEP 2026
GEN-2.1 - 2	01 OCT 2026	GEN-2.5 - 2	01 OCT 2026	GEN-2.7 - 14	03 SEP 2026
GEN-2.1 - 3	01 OCT 2026	GEN-2.5 - 3	03 SEP 2026	GEN-2.7 - 15	03 SEP 2026
GEN-2.1 - 4	25 FEB 2021	GEN-2.5 - 4	23 FEB 2023	GEN-2.7 - 16	03 SEP 2026
GEN-2.2 - 1	04 SEP 2025	GEN-2.6 - 1	21 JUN 2018	GEN-2.7 - 17	03 SEP 2026
GEN-2.2 - 2	04 SEP 2025	GEN-2.6 - 2	30 MAR 2017	GEN-2.7 - 18	03 SEP 2026
GEN-2.2 - 3	04 SEP 2025	GEN-2.7 - 1	03 SEP 2026	GEN-2.7 - 19	03 SEP 2026
GEN-2.2 - 4	04 SEP 2025	GEN-2.7 - 2	03 SEP 2026	GEN-2.7 - 20	03 SEP 2026
GEN-2.2 - 5	04 SEP 2025	GEN-2.7 - 3	03 SEP 2026	GEN-2.7 - 21	03 SEP 2026
GEN-2.2 - 6	04 SEP 2025	GEN-2.7 - 4	03 SEP 2026	GEN-2.7 - 22	03 SEP 2026
GEN-2.2 - 7	04 SEP 2025	GEN-2.7 - 5	03 SEP 2026	GEN-2.7 - 23	03 SEP 2026
GEN-2.2 - 8	04 SEP 2025	GEN-2.7 - 6	03 SEP 2026	GEN-2.7 - 24	03 SEP 2026
GEN-2.3 - 1	16 JUL 2020	GEN-2.7 - 7	03 SEP 2026	GEN-2.7 - 25	03 SEP 2026
GEN-2.3 - 2	30 MAR 2017	GEN-2.7 - 8	03 SEP 2026	GEN-2.7 - 26	03 SEP 2026
GEN-2.3 - 3	16 JUL 2020	GEN-2.7 - 9	03 SEP 2026	GEN-2.7 - 27	03 SEP 2026
GEN-2.3 - 4	16 AUG 2018	GEN-2.7 - 10	03 SEP 2026	GEN-2.7 - 28	03 SEP 2026
GEN-2.4 - 1	03 SEP 2026	GEN-2.7 - 11	03 SEP 2026	GEN-2.7 - 29	03 SEP 2026
GEN-2.4 - 2	03 SEP 2026	GEN-2.7 - 12	03 SEP 2026	GEN-2.7 - 30	03 SEP 2026

GEN 3 SERVICES

GEN-3.1 - 1	20 FEB 2025	GEN-3.3 - 3	27 NOV 2025	GEN-3.5 - 7	14 MAY 2026
GEN-3.1 - 2	20 FEB 2025	GEN-3.3 - 4	26 JAN 2023	GEN-3.5 - 8	14 MAY 2026
GEN-3.1 - 3	20 FEB 2025	GEN-3.4 - 1	16 MAY 2024	GEN-3.5 - 9	14 MAY 2026
GEN-3.1 - 4	20 MAR 2025	GEN-3.4 - 2	22 JAN 2026	GEN-3.5 - 10	14 MAY 2026
GEN-3.1 - 5	15 MAY 2025	GEN-3.4 - 3	04 SEP 2025	GEN-3.5 - 11	14 MAY 2026
GEN-3.1 - 6	20 MAR 2025	GEN-3.4 - 4	04 SEP 2025	GEN-3.5 - 12	10 AUG 2023
GEN-3.2 - 1	16 MAY 2024	GEN-3.5 - 1	10 AUG 2023	GEN-3.6 - 1	17 APR 2025
GEN-3.2 - 2	07 NOV 2019	GEN-3.5 - 2	08 AUG 2024	GEN-3.6 - 2	01 DEC 2022
GEN-3.2 - 3	15 JUN 2023	GEN-3.5 - 3	08 AUG 2024	GEN-3.6 - 3	01 DEC 2022
GEN-3.2 - 4	18 JUL 2019	GEN-3.5 - 4	30 OCT 2025	GEN-3.6 - 4	01 DEC 2022
GEN-3.3 - 1	16 MAY 2024	GEN-3.5 - 5	30 OCT 2025		
GEN-3.3 - 2	27 NOV 2025	GEN-3.5 - 6	14 MAY 2026		

GEN 4 CHARGES FOR AERODROMES/HELIPORTS AND AIR NAVIGATION SERVICES

GEN-4.1 - 1	26 JAN 2023	GEN-4.1 - 4	30 NOV 2023	GEN-4.2 - 3	26 JAN 2023
GEN-4.1 - 2	22 JAN 2026	GEN-4.2 - 1	16 APR 2026	GEN-4.2 - 4	07 NOV 2019
GEN-4.1 - 3	21 MAR 2024	GEN-4.2 - 2	23 JAN 2025		

PART 2 - EN-ROUTE (ENR)**ENR 0**

Page	Date	Page	Date	Page	Date
ENR-0.1 - 1	30 MAR 2017	ENR-0.3 - 1	30 MAR 2017	ENR-0.5 - 1	30 MAR 2017
ENR-0.1 - 2	30 MAR 2017	ENR-0.3 - 2	30 MAR 2017	ENR-0.5 - 2	30 MAR 2017
ENR-0.2 - 1	30 MAR 2017	ENR-0.4 - 1	30 MAR 2017	ENR-0.6 - 1	19 MAY 2022
ENR-0.2 - 2	30 MAR 2017	ENR-0.4 - 2	30 MAR 2017	ENR-0.6 - 2	19 MAY 2022

ENR 1 GENERAL RULES AND PROCEDURES

ENR-1.1 - 1	30 JAN 2020	ENR-1.6 - 8	06 AUG 2026	ENR-1.9 - 1	21 JUN 2018
ENR-1.1 - 2	05 SEP 2024	ENR-1.7 - 1	30 JAN 2020	ENR-1.9 - 2	30 MAR 2017
ENR-1.2 - 1	07 NOV 2019	ENR-1.7 - 2	30 JAN 2020	ENR-1.10 - 1	06 AUG 2026
ENR-1.2 - 2	07 NOV 2019	ENR-1.7 - 3	23 APR 2020	ENR-1.10 - 2	06 AUG 2026
ENR-1.2 - 3	07 NOV 2019	ENR-1.7 - 4	30 JAN 2020	ENR-1.10 - 3	06 AUG 2026
ENR-1.2 - 4	07 NOV 2019	ENR-1.8 - 1	03 DEC 2020	ENR-1.10 - 4	06 AUG 2026
ENR-1.3 - 1	26 JAN 2023	ENR-1.8 - 2	26 JAN 2023	ENR-1.11 - 1	06 AUG 2026
ENR-1.3 - 2	06 OCT 2022	ENR-1.8 - 3	03 DEC 2020	ENR-1.11 - 2	07 NOV 2019
ENR-1.3 - 3	06 OCT 2022	ENR-1.8 - 4	03 DEC 2020	ENR-1.12 - 1	03 SEP 2026
ENR-1.3 - 4	06 OCT 2022	ENR-1.8 - 5	03 DEC 2020	ENR-1.12 - 2	03 SEP 2026
ENR-1.4 - 1	23 JAN 2025	ENR-1.8 - 6	03 DEC 2020	ENR-1.12 - 3	03 SEP 2026
ENR-1.4 - 2	23 JAN 2025	ENR-1.8 - 7	03 DEC 2020	ENR-1.12 - 4	03 SEP 2026
ENR-1.5 - 1	26 JAN 2023	ENR-1.8 - 8	26 JAN 2023	ENR-1.13 - 1	07 NOV 2019
ENR-1.5 - 2	26 JAN 2023	ENR-1.8 - 9	26 JAN 2023	ENR-1.13 - 2	07 NOV 2019
ENR-1.5 - 3	03 DEC 2020	ENR-1.8 - 10	21 MAR 2024	ENR-1.14 - 1	23 APR 2020
ENR-1.5 - 4	03 DEC 2020	ENR-1.8 - 11	03 SEP 2026	ENR-1.14 - 2	23 APR 2020
ENR-1.6 - 1	26 JAN 2023	ENR-1.8 - 12	03 SEP 2026	ENR-1.14 - 3	07 NOV 2019
ENR-1.6 - 2	26 JAN 2023	ENR-1.8 - 13	10 AUG 2023	ENR-1.14 - 4	07 NOV 2019
ENR-1.6 - 3	26 JAN 2023	ENR-1.8 - 14	10 AUG 2023	ENR-1.14 - 5	07 NOV 2019
ENR-1.6 - 4	03 SEP 2026	ENR-1.8 - 15	10 AUG 2023	ENR-1.14 - 6	07 NOV 2019
ENR-1.6 - 5	03 SEP 2026	ENR-1.8 - 16	10 AUG 2023	ENR-1.14 - 7	07 NOV 2019
ENR-1.6 - 6	04 SEP 2025	ENR-1.8 - 17	10 AUG 2023	ENR-1.14 - 8	07 NOV 2019
ENR-1.6 - 7	04 SEP 2025	ENR-1.8 - 18	10 AUG 2023		

ENR 2 AIR TRAFFIC SERVICES AIRSPACE

ENR-2.1 - 1	11 JUN 2026	ENR-2.1 - 12	11 JUN 2026	ENR-2.2 - 1	27 NOV 2025
ENR-2.1 - 2	01 OCT 2026	ENR-2.1 - 13	29 OCT 2026	ENR-2.2 - 2	19 FEB 2026
ENR-2.1 - 3	11 JUN 2026	ENR-2.1 - 14	11 JUN 2026	ENR-2.2 - 3	06 AUG 2026
ENR-2.1 - 4	03 SEP 2026	ENR-2.1 - 15	11 JUN 2026	ENR-2.2 - 4	19 FEB 2026
ENR-2.1 - 5	03 SEP 2026	ENR-2.1 - 16	11 JUN 2026	ENR-2.2 - 5	09 JUL 2026
ENR-2.1 - 6	03 SEP 2026	ENR-2.1 - 17	11 JUN 2026	ENR-2.2 - 6	19 FEB 2026
ENR-2.1 - 7	03 SEP 2026	ENR-2.1 - 18	11 JUN 2026	ENR-2.2 - 7	19 FEB 2026
ENR-2.1 - 8	11 JUN 2026	ENR-2.1 - 19	09 JUL 2026	ENR-2.2 - 8	03 SEP 2026
ENR-2.1 - 9	11 JUN 2026	ENR-2.1 - 20	03 SEP 2026	ENR-2.2 - 9	14 MAY 2026
ENR-2.1 - 10	11 JUN 2026	ENR-2.1 - 21	03 SEP 2026	ENR-2.2 - 10	19 FEB 2026
ENR-2.1 - 11	11 JUN 2026	ENR-2.1 - 22	03 SEP 2026		

ENR 3 ATS ROUTES

ENR-3.1 - 1	16 APR 2026	ENR 3.2.1 - 7	01 OCT 2026	ENR 3.2.1 - 33	01 OCT 2026
ENR-3.1 - 2	16 APR 2026	ENR 3.2.1 - 8	01 OCT 2026	ENR 3.2.1 - 34	01 OCT 2026
ENR-3.1 - 3	16 APR 2026	ENR 3.2.1 - 9	01 OCT 2026	ENR 3.2.1 - 35	01 OCT 2026
ENR-3.1 - 4	16 APR 2026	ENR 3.2.1 - 10	01 OCT 2026	ENR 3.2.1 - 36	01 OCT 2026
ENR-3.1 - 5	16 APR 2026	ENR 3.2.1 - 11	01 OCT 2026	ENR 3.2.1 - 37	01 OCT 2026
ENR-3.1 - 6	16 APR 2026	ENR 3.2.1 - 12	01 OCT 2026	ENR 3.2.1 - 38	01 OCT 2026
ENR-3.1 - 7	16 APR 2026	ENR 3.2.1 - 13	01 OCT 2026	ENR 3.2.1 - 39	01 OCT 2026
ENR-3.1 - 8	16 APR 2026	ENR 3.2.1 - 14	01 OCT 2026	ENR 3.2.1 - 40	01 OCT 2026
ENR-3.1 - 9	16 APR 2026	ENR 3.2.1 - 15	01 OCT 2026	ENR 3.2.1 - 41	01 OCT 2026
ENR-3.1 - 10	09 JUL 2026	ENR 3.2.1 - 16	01 OCT 2026	ENR 3.2.1 - 42	01 OCT 2026
ENR-3.1 - 11	01 OCT 2026	ENR 3.2.1 - 17	01 OCT 2026	ENR 3.2.1 - 43	01 OCT 2026
ENR-3.1 - 12	16 APR 2026	ENR 3.2.1 - 18	01 OCT 2026	ENR 3.2.1 - 44	01 OCT 2026
ENR-3.1 - 13	16 APR 2026	ENR 3.2.1 - 19	01 OCT 2026	ENR 3.2.1 - 45	01 OCT 2026
ENR-3.1 - 14	16 APR 2026	ENR 3.2.1 - 20	01 OCT 2026	ENR 3.2.1 - 46	01 OCT 2026
ENR-3.1 - 15	16 APR 2026	ENR 3.2.1 - 21	01 OCT 2026	ENR 3.2.1 - 47	01 OCT 2026
ENR-3.1 - 16	16 APR 2026	ENR 3.2.1 - 22	01 OCT 2026	ENR 3.2.1 - 48	01 OCT 2026
ENR-3.1 - 17	16 APR 2026	ENR 3.2.1 - 23	01 OCT 2026	ENR 3.2.1 - 49	01 OCT 2026
ENR-3.1 - 18	16 APR 2026	ENR 3.2.1 - 24	01 OCT 2026	ENR 3.2.1 - 50	01 OCT 2026
ENR 3.2 - 1	04 NOV 2021	ENR 3.2.1 - 25	01 OCT 2026	ENR 3.2.1 - 51	01 OCT 2026
ENR 3.2 - 2	04 NOV 2021	ENR 3.2.1 - 26	01 OCT 2026	ENR 3.2.1 - 52	01 OCT 2026
ENR 3.2.1 - 1	01 OCT 2026	ENR 3.2.1 - 27	01 OCT 2026	ENR 3.2.1 - 53	01 OCT 2026
ENR 3.2.1 - 2	01 OCT 2026	ENR 3.2.1 - 28	01 OCT 2026	ENR 3.2.1 - 54	01 OCT 2026
ENR 3.2.1 - 3	01 OCT 2026	ENR 3.2.1 - 29	01 OCT 2026	ENR 3.2.2 - 1	01 OCT 2026
ENR 3.2.1 - 4	01 OCT 2026	ENR 3.2.1 - 30	01 OCT 2026	ENR 3.2.2 - 2	01 OCT 2026
ENR 3.2.1 - 5	01 OCT 2026	ENR 3.2.1 - 31	01 OCT 2026	ENR 3.2.2 - 3	01 OCT 2026
ENR 3.2.1 - 6	01 OCT 2026	ENR 3.2.1 - 32	01 OCT 2026	ENR 3.2.2 - 4	01 OCT 2026

Page	Date	Page	Date	Page	Date
ENR 3.2.2 - 5	01 OCT 2026	ENR 3.2.3 - 13	01 OCT 2026	ENR 3.2.6 - 1	01 OCT 2026
ENR 3.2.2 - 6	01 OCT 2026	ENR 3.2.3 - 14	01 OCT 2026	ENR 3.2.6 - 2	01 OCT 2026
ENR 3.2.2 - 7	01 OCT 2026	ENR 3.2.3 - 15	01 OCT 2026	ENR 3.2.6 - 3	01 OCT 2026
ENR 3.2.2 - 8	01 OCT 2026	ENR 3.2.3 - 16	01 OCT 2026	ENR 3.2.6 - 4	01 OCT 2026
ENR 3.2.2 - 9	01 OCT 2026	ENR 3.2.3 - 17	01 OCT 2026	ENR 3.2.6 - 5	01 OCT 2026
ENR 3.2.2 - 10	01 OCT 2026	ENR 3.2.3 - 18	01 OCT 2026	ENR 3.2.6 - 6	01 OCT 2026
ENR 3.2.2 - 11	01 OCT 2026	ENR 3.2.3 - 19	01 OCT 2026	ENR 3.2.6 - 7	01 OCT 2026
ENR 3.2.2 - 12	01 OCT 2026	ENR 3.2.3 - 20	01 OCT 2026	ENR 3.2.6 - 8	01 OCT 2026
ENR 3.2.2 - 13	01 OCT 2026	ENR 3.2.3 - 21	01 OCT 2026	ENR 3.2.6 - 9	01 OCT 2026
ENR 3.2.2 - 14	01 OCT 2026	ENR 3.2.3 - 22	01 OCT 2026	ENR 3.2.6 - 10	01 OCT 2026
ENR 3.2.2 - 15	01 OCT 2026	ENR 3.2.3 - 23	01 OCT 2026	ENR 3.2.7 - 1	11 JUN 2026
ENR 3.2.2 - 16	01 OCT 2026	ENR 3.2.3 - 24	01 OCT 2026	ENR 3.2.7 - 2	11 JUN 2026
ENR 3.2.2 - 17	01 OCT 2026	ENR 3.2.3 - 25	01 OCT 2026	ENR 3.2.7 - 3	11 JUN 2026
ENR 3.2.2 - 18	01 OCT 2026	ENR 3.2.3 - 26	01 OCT 2026	ENR 3.2.7 - 4	11 JUN 2026
ENR 3.2.2 - 19	01 OCT 2026	ENR 3.2.3 - 27	01 OCT 2026	ENR 3.2.7 - 5	11 JUN 2026
ENR 3.2.2 - 20	01 OCT 2026	ENR 3.2.3 - 28	01 OCT 2026	ENR 3.2.7 - 6	11 JUN 2026
ENR 3.2.2 - 21	01 OCT 2026	ENR 3.2.3 - 29	01 OCT 2026	ENR 3.2.7 - 7	01 OCT 2026
ENR 3.2.2 - 22	01 OCT 2026	ENR 3.2.3 - 30	01 OCT 2026	ENR 3.2.7 - 8	11 JUN 2026
ENR 3.2.2 - 23	01 OCT 2026	ENR 3.2.3 - 31	01 OCT 2026	ENR 3.2.7 - 9	11 JUN 2026
ENR 3.2.2 - 24	01 OCT 2026	ENR 3.2.3 - 32	01 OCT 2026	ENR 3.2.7 - 10	03 SEP 2026
ENR 3.2.2 - 25	01 OCT 2026	ENR 3.2.3 - 33	01 OCT 2026	ENR 3.2.7 - 11	11 JUN 2026
ENR 3.2.2 - 26	01 OCT 2026	ENR 3.2.3 - 34	01 OCT 2026	ENR 3.2.7 - 12	11 JUN 2026
ENR 3.2.2 - 27	01 OCT 2026	ENR 3.2.3 - 35	01 OCT 2026	ENR 3.2.7 - 13	11 JUN 2026
ENR 3.2.2 - 28	01 OCT 2026	ENR 3.2.3 - 36	01 OCT 2026	ENR 3.2.7 - 14	11 JUN 2026
ENR 3.2.2 - 29	01 OCT 2026	ENR 3.2.3 - 37	01 OCT 2026	ENR 3.2.7 - 15	11 JUN 2026
ENR 3.2.2 - 30	01 OCT 2026	ENR 3.2.3 - 38	01 OCT 2026	ENR 3.2.7 - 16	11 JUN 2026
ENR 3.2.2 - 31	01 OCT 2026	ENR 3.2.3 - 39	01 OCT 2026	ENR 3.2.7 - 17	03 SEP 2026
ENR 3.2.2 - 32	01 OCT 2026	ENR 3.2.3 - 40	01 OCT 2026	ENR 3.2.7 - 18	06 AUG 2026
ENR 3.2.2 - 33	01 OCT 2026	ENR 3.2.3 - 41	01 OCT 2026	ENR 3.2.7 - 19	11 JUN 2026
ENR 3.2.2 - 34	01 OCT 2026	ENR 3.2.3 - 42	01 OCT 2026	ENR 3.2.7 - 20	11 JUN 2026
ENR 3.2.2 - 35	01 OCT 2026	ENR 3.2.3 - 43	01 OCT 2026	ENR 3.2.7 - 21	11 JUN 2026
ENR 3.2.2 - 36	01 OCT 2026	ENR 3.2.3 - 44	01 OCT 2026	ENR 3.2.7 - 22	11 JUN 2026
ENR 3.2.2 - 37	01 OCT 2026	ENR 3.2.3 - 45	01 OCT 2026	ENR 3.2.7 - 23	11 JUN 2026
ENR 3.2.2 - 38	01 OCT 2026	ENR 3.2.3 - 46	01 OCT 2026	ENR 3.2.7 - 24	11 JUN 2026
ENR 3.2.2 - 39	01 OCT 2026	ENR 3.2.3 - 47	01 OCT 2026	ENR 3.2.7 - 25	11 JUN 2026
ENR 3.2.2 - 40	01 OCT 2026	ENR 3.2.3 - 48	01 OCT 2026	ENR 3.2.7 - 26	11 JUN 2026
ENR 3.2.2 - 41	01 OCT 2026	ENR 3.2.4 - 1	01 OCT 2026	ENR 3.2.7 - 27	03 SEP 2026
ENR 3.2.2 - 42	01 OCT 2026	ENR 3.2.4 - 2	01 OCT 2026	ENR 3.2.7 - 28	11 JUN 2026
ENR 3.2.2 - 43	01 OCT 2026	ENR 3.2.4 - 3	01 OCT 2026	ENR 3.2.7 - 29	11 JUN 2026
ENR 3.2.2 - 44	01 OCT 2026	ENR 3.2.4 - 4	01 OCT 2026	ENR 3.2.7 - 30	03 SEP 2026
ENR 3.2.3 - 1	01 OCT 2026	ENR 3.2.4 - 5	01 OCT 2026	ENR 3.2.7 - 31	11 JUN 2026
ENR 3.2.3 - 2	01 OCT 2026	ENR 3.2.4 - 6	01 OCT 2026	ENR 3.2.7 - 32	03 SEP 2026
ENR 3.2.3 - 3	01 OCT 2026	ENR 3.2.4 - 7	01 OCT 2026	ENR 3.2.7 - 33	11 JUN 2026
ENR 3.2.3 - 4	01 OCT 2026	ENR 3.2.4 - 8	01 OCT 2026	ENR 3.2.7 - 34	11 JUN 2026
ENR 3.2.3 - 5	01 OCT 2026	ENR 3.2.4 - 9	01 OCT 2026	ENR-3.3 - 1	19 MAY 2022
ENR 3.2.3 - 6	01 OCT 2026	ENR 3.2.4 - 10	01 OCT 2026	ENR-3.3 - 2	04 NOV 2021
ENR 3.2.3 - 7	01 OCT 2026	ENR 3.2.4 - 11	01 OCT 2026	ENR-3.4 - 1	19 MAY 2022
ENR 3.2.3 - 8	01 OCT 2026	ENR 3.2.4 - 12	01 OCT 2026	ENR-3.4 - 2	04 NOV 2021
ENR 3.2.3 - 9	01 OCT 2026	ENR 3.2.4 - 13	01 OCT 2026	ENR-3.5 - 1	19 MAY 2022
ENR 3.2.3 - 10	01 OCT 2026	ENR 3.2.4 - 14	01 OCT 2026	ENR-3.5 - 2	19 MAY 2022
ENR 3.2.3 - 11	01 OCT 2026	ENR 3.2.5 - 1	06 AUG 2026	ENR-3.6 - 1	19 MAY 2022
ENR 3.2.3 - 12	01 OCT 2026	ENR 3.2.5 - 2	16 APR 2026	ENR-3.6 - 2	19 MAY 2022
ENR 4 RADIO NAVIGATION AIDS/SYSTEMS					
ENR-4.1 - 1	01 OCT 2026	ENR-4.4 - 11	03 SEP 2026	ENR-4.4 - 27	01 OCT 2026
ENR-4.1 - 2	01 OCT 2026	ENR-4.4 - 12	03 SEP 2026	ENR-4.4 - 28	03 SEP 2026
ENR-4.2 - 1	30 MAR 2017	ENR-4.4 - 13	01 OCT 2026	ENR-4.4 - 29	03 SEP 2026
ENR-4.2 - 2	30 MAR 2017	ENR-4.4 - 14	03 SEP 2026	ENR-4.4 - 30	03 SEP 2026
ENR-4.3 - 1	30 MAR 2017	ENR-4.4 - 15	03 SEP 2026	ENR-4.4 - 31	03 SEP 2026
ENR-4.3 - 2	30 MAR 2017	ENR-4.4 - 16	03 SEP 2026	ENR-4.4 - 32	03 SEP 2026
ENR-4.4 - 1	03 SEP 2026	ENR-4.4 - 17	03 SEP 2026	ENR-4.4 - 33	03 SEP 2026
ENR-4.4 - 2	03 SEP 2026	ENR-4.4 - 18	03 SEP 2026	ENR-4.4 - 34	03 SEP 2026
ENR-4.4 - 3	03 SEP 2026	ENR-4.4 - 19	03 SEP 2026	ENR-4.4 - 35	03 SEP 2026
ENR-4.4 - 4	03 SEP 2026	ENR-4.4 - 20	03 SEP 2026	ENR-4.4 - 36	03 SEP 2026
ENR-4.4 - 5	03 SEP 2026	ENR-4.4 - 21	03 SEP 2026	ENR-4.4 - 37	03 SEP 2026
ENR-4.4 - 6	03 SEP 2026	ENR-4.4 - 22	03 SEP 2026	ENR-4.4 - 38	03 SEP 2026
ENR-4.4 - 7	03 SEP 2026	ENR-4.4 - 23	03 SEP 2026	ENR-4.5 - 1	30 MAR 2017
ENR-4.4 - 8	03 SEP 2026	ENR-4.4 - 24	03 SEP 2026	ENR-4.5 - 2	30 MAR 2017
ENR-4.4 - 9	03 SEP 2026	ENR-4.4 - 25	03 SEP 2026		
ENR-4.4 - 10	03 SEP 2026	ENR-4.4 - 26	03 SEP 2026		

Page	Date	Page	Date	Page	Date
ENR 5	NAVIGATION WARNINGS				
ENR-5.1 - 1	11 JUN 2026	ENR-5.1 - 13	11 JUN 2026	ENR-5.2 - 1	07 NOV 2019
ENR-5.1 - 2	11 JUN 2026	ENR-5.1 - 14	11 JUN 2026	ENR-5.2 - 2	07 NOV 2019
ENR-5.1 - 3	11 JUN 2026	ENR-5.1 - 15	11 JUN 2026	ENR-5.3 - 1	14 MAY 2026
ENR-5.1 - 4	11 JUN 2026	ENR-5.1 - 16	11 JUN 2026	ENR-5.3 - 2	30 MAR 2017
ENR-5.1 - 5	11 JUN 2026	ENR-5.1 - 17	11 JUN 2026	ENR-5.4 - 1	08 AUG 2024
ENR-5.1 - 6	11 JUN 2026	ENR-5.1 - 18	11 JUN 2026	ENR-5.4 - 2	30 MAR 2017
ENR-5.1 - 7	11 JUN 2026	ENR-5.1 - 19	11 JUN 2026	ENR-5.5 - 1	30 MAR 2017
ENR-5.1 - 8	11 JUN 2026	ENR-5.1 - 20	11 JUN 2026	ENR-5.5 - 2	30 MAR 2017
ENR-5.1 - 9	11 JUN 2026	ENR-5.1 - 21	11 JUN 2026	ENR-5.6 - 1	10 SEP 2020
ENR-5.1 - 10	11 JUN 2026	ENR-5.1 - 22	11 JUN 2026	ENR-5.6 - 2	10 SEP 2020
ENR-5.1 - 11	11 JUN 2026	ENR-5.1 - 23	11 JUN 2026		
ENR-5.1 - 12	11 JUN 2026	ENR-5.1 - 24	11 JUN 2026		

ENR 6	EN-ROUTE CHART				
ENR-6 - 1	15 JUL 2021	ENR-6.1 - 1	01 OCT 2026		
ENR-6 - 2	30 MAR 2017	ENR-6.1 - 2	01 OCT 2026		

PART 3 - AERODROMES (AD)

AD 0					
AD-0.1 - 1	23 MAY 2019	AD-0.6 - 1	03 SEP 2026	AD-0.6 - 11	03 SEP 2026
AD-0.1 - 2	30 MAR 2017	AD-0.6 - 2	03 SEP 2026	AD-0.6 - 12	03 SEP 2026
AD-0.2 - 1	23 MAY 2019	AD-0.6 - 3	03 SEP 2026	AD-0.6 - 13	03 SEP 2026
AD-0.2 - 2	30 MAR 2017	AD-0.6 - 4	03 SEP 2026	AD-0.6 - 14	03 SEP 2026
AD-0.3 - 1	23 MAY 2019	AD-0.6 - 5	03 SEP 2026	AD-0.6 - 15	03 SEP 2026
AD-0.3 - 2	30 MAR 2017	AD-0.6 - 6	03 SEP 2026	AD-0.6 - 16	03 SEP 2026
AD-0.4 - 1	23 MAY 2019	AD-0.6 - 7	03 SEP 2026	AD-0.6 - 17	03 SEP 2026
AD-0.4 - 2	30 MAR 2017	AD-0.6 - 8	03 SEP 2026	AD-0.6 - 18	03 SEP 2026
AD-0.5 - 1	23 MAY 2019	AD-0.6 - 9	03 SEP 2026	AD-0.6 - 19	03 SEP 2026
AD-0.5 - 2	30 MAR 2017	AD-0.6 - 10	03 SEP 2026	AD-0.6 - 20	03 SEP 2026

AD 1	AERODROMES/HELIPORTS - INTRODUCTION				
AD-1.1 - 1	19 FEB 2026	AD-1.2 - 5	31 OCT 2024	AD-1.4 - 1	21 JUN 2018
AD-1.1 - 2	07 NOV 2019	AD-1.2 - 6	31 OCT 2024	AD-1.4 - 2	30 MAR 2017
AD-1.2 - 1	04 NOV 2021	AD-1.2 - 7	31 OCT 2024	AD-1.5 - 1	01 OCT 2026
AD-1.2 - 2	31 OCT 2024	AD-1.2 - 8	31 OCT 2024	AD-1.5 - 2	03 SEP 2026
AD-1.2 - 3	04 NOV 2021	AD-1.3 - 1	03 SEP 2026		
AD-1.2 - 4	31 OCT 2024	AD-1.3 - 2	03 SEP 2026		

AD 2	AERODROMES				
AD-2-UATE - 1	16 APR 2026	UATE AD 2.24.7-5 - 1	05 SEP 2024	UATE AD 2.24.11-7 - 1	15 JUN 2023
AD-2-UATE - 2	22 JAN 2026	UATE AD 2.24.7-5 - 2	23 JAN 2025	UATE AD 2.24.11-7 - 2	23 FEB 2023
AD-2-UATE - 3	29 OCT 2026	UATE AD 2.24.9-1 - 1	05 SEP 2024	UATE AD 2.24.11-8 - 1	15 JUN 2023
AD-2-UATE - 4	29 OCT 2026	UATE AD 2.24.9-1 - 2	23 FEB 2023	UATE AD 2.24.11-8 - 2	23 FEB 2023
AD-2-UATE - 5	29 OCT 2026	UATE AD 2.24.9-2 - 1	05 SEP 2024	UATE AD 2.24.11-9 - 1	05 SEP 2024
AD-2-UATE - 6	29 OCT 2026	UATE AD 2.24.9-2 - 2	23 FEB 2023	UATE AD 2.24.11-9 - 2	08 AUG 2024
AD-2-UATE - 7	29 OCT 2026	UATE AD 2.24.9-3 - 1	05 SEP 2024	UATE AD 2.24.11-10 - 1	05 SEP 2024
AD-2-UATE - 8	29 OCT 2026	UATE AD 2.24.9-3 - 2	23 FEB 2023	UATE AD 2.24.11-10 - 2	08 AUG 2024
AD-2-UATE - 9	29 OCT 2026	UATE AD 2.24.9-4 - 1	05 SEP 2024	UATE AD 2.24.12 - 1	23 FEB 2023
AD-2-UATE - 10	29 OCT 2026	UATE AD 2.24.9-4 - 2	23 FEB 2023	UATE AD 2.24.12 - 2	30 MAR 2017
AD-2-UATE - 11	29 OCT 2026	UATE AD 2.24.9-5 - 1	05 SEP 2024	UATE AD 2.24.14 - 1	23 FEB 2023
AD-2-UATE - 12	29 OCT 2026	UATE AD 2.24.9-5 - 2	11 JUL 2024	UATE AD 2.24.14 - 2	15 JUL 2021
AD-2-UATE - 13	29 OCT 2026	UATE AD 2.24.9-6 - 1	05 SEP 2024	AD-2-UATT - 1	08 AUG 2024
AD-2-UATE - 14	16 APR 2026	UATE AD 2.24.9-6 - 2	16 MAY 2024	AD-2-UATT - 2	26 JAN 2023
UATE AD 2.24.1 - 1	29 OCT 2026	UATE AD 2.24.10 - 1	05 SEP 2024	AD-2-UATT - 3	16 MAY 2024
UATE AD 2.24.1 - 2	30 MAR 2017	UATE AD 2.24.10 - 2	30 MAR 2017	AD-2-UATT - 4	19 MAR 2026
UATE AD 2.24.3 - 1	22 JAN 2026	UATE AD 2.24.11-1 - 1	27 NOV 2025	AD-2-UATT - 5	09 JUL 2026
UATE AD 2.24.3 - 2	22 JAN 2026	UATE AD 2.24.11-1 - 2	22 JAN 2026	AD-2-UATT - 6	19 FEB 2026
UATE AD 2.24.4 - 1	23 FEB 2023	UATE AD 2.24.11-2 - 1	05 SEP 2024	AD-2-UATT - 7	10 JUL 2025
UATE AD 2.24.4 - 2	11 AUG 2022	UATE AD 2.24.11-2 - 2	15 JUN 2023	AD-2-UATT - 8	12 JUN 2025
UATE AD 2.24.7-1 - 1	05 SEP 2024	UATE AD 2.24.11-3 - 1	05 SEP 2024	AD-2-UATT - 9	12 JUN 2025
UATE AD 2.24.7-1 - 2	23 FEB 2023	UATE AD 2.24.11-3 - 2	15 JUN 2023	AD-2-UATT - 10	09 JUL 2026
UATE AD 2.24.7-2 - 1	05 SEP 2024	UATE AD 2.24.11-4 - 1	05 SEP 2024	AD-2-UATT - 11	09 JUL 2026
UATE AD 2.24.7-2 - 2	23 FEB 2023	UATE AD 2.24.11-4 - 2	15 JUN 2023	AD-2-UATT - 12	04 SEP 2025
UATE AD 2.24.7-3 - 1	05 SEP 2024	UATE AD 2.24.11-5 - 1	02 NOV 2023	UATT AD 2.24.1 - 1	19 FEB 2026
UATE AD 2.24.7-3 - 2	23 FEB 2023	UATE AD 2.24.11-5 - 2	15 JUN 2023	UATT AD 2.24.1 - 2	30 MAR 2017
UATE AD 2.24.7-4 - 1	05 SEP 2024	UATE AD 2.24.11-6 - 1	02 NOV 2023	UATT AD 2.24.3 - 1	19 FEB 2026
UATE AD 2.24.7-4 - 2	16 MAY 2024	UATE AD 2.24.11-6 - 2	15 JUN 2023	UATT AD 2.24.3 - 2	12 AUG 2021

Page	Date	Page	Date	Page	Date
UATT AD 2.24.4 - 1	26 JAN 2023	UAAA AD 2.24.7-2 - 2	15 JUN 2023	UAAA AD 2.24.11-3 - 1	01 OCT 2026
UATT AD 2.24.4 - 2	30 MAR 2017	UAAA AD 2.24.7-3 - 1	11 JUN 2026	UAAA AD 2.24.11-3 - 2	15 JUN 2023
UATT AD 2.24.7-1 - 1	19 FEB 2026	UAAA AD 2.24.7-3 - 2	15 JUN 2023	UAAA AD 2.24.11-4 - 1	01 OCT 2026
UATT AD 2.24.7-1 - 2	20 MAY 2021	UAAA AD 2.24.7-4 - 1	11 JUN 2026	UAAA AD 2.24.11-4 - 2	15 JUN 2023
UATT AD 2.24.7-2 - 1	19 FEB 2026	UAAA AD 2.24.7-4 - 2	15 JUN 2023	UAAA AD 2.24.11-5 - 1	01 OCT 2026
UATT AD 2.24.7-2 - 2	20 MAY 2021	UAAA AD 2.24.7-5 - 1	11 JUN 2026	UAAA AD 2.24.11-5 - 2	15 JUN 2023
UATT AD 2.24.9-1 - 1	19 FEB 2026	UAAA AD 2.24.7-5 - 2	15 JUN 2023	UAAA AD 2.24.11-6 - 1	01 OCT 2026
UATT AD 2.24.9-1 - 2	25 FEB 2021	UAAA AD 2.24.7-6 - 1	11 JUN 2026	UAAA AD 2.24.11-6 - 2	15 JUN 2023
UATT AD 2.24.9-2 - 1	19 FEB 2026	UAAA AD 2.24.7-6 - 2	15 JUN 2023	UAAA AD 2.24.11-7 - 1	01 OCT 2026
UATT AD 2.24.9-2 - 2	25 FEB 2021	UAAA AD 2.24.7-7 - 1	11 JUN 2026	UAAA AD 2.24.11-7 - 2	15 JUN 2023
UATT AD 2.24.10 - 1	19 FEB 2026	UAAA AD 2.24.7-7 - 2	11 JUL 2024	UAAA AD 2.24.11-8 - 1	01 OCT 2026
UATT AD 2.24.10 - 2	30 MAR 2017	UAAA AD 2.24.7-8 - 1	11 JUN 2026	UAAA AD 2.24.11-8 - 2	15 JUN 2023
UATT AD 2.24.11-1 - 1	19 FEB 2026	UAAA AD 2.24.7-8 - 2	23 APR 2020	UAAA AD 2.24.11-9 - 1	01 OCT 2026
UATT AD 2.24.11-1 - 2	25 FEB 2021	UAAA AD 2.24.7-9 - 1	11 JUN 2026	UAAA AD 2.24.11-9 - 2	15 JUN 2023
UATT AD 2.24.11-2 - 1	19 FEB 2026	UAAA AD 2.24.7-9 - 2	23 APR 2020	UAAA AD 2.24.11-10 - 1	01 OCT 2026
UATT AD 2.24.11-2 - 2	25 FEB 2021	UAAA AD 2.24.7-10 - 1	11 JUN 2026	UAAA AD 2.24.11-10 - 2	15 JUN 2023
UATT AD 2.24.11-3 - 1	19 FEB 2026	UAAA AD 2.24.7-10 - 2	11 JUL 2024	UAAA AD 2.24.11-11 - 1	01 OCT 2026
UATT AD 2.24.11-3 - 2	25 FEB 2021	UAAA AD 2.24.7-11 - 1	11 JUN 2026	UAAA AD 2.24.11-11 - 2	04 NOV 2021
UATT AD 2.24.11-4 - 1	19 FEB 2026	UAAA AD 2.24.7-11 - 2	15 JUN 2023	UAAA AD 2.24.11-12 - 1	01 OCT 2026
UATT AD 2.24.11-4 - 2	25 FEB 2021	UAAA AD 2.24.7-12 - 1	11 JUN 2026	UAAA AD 2.24.11-12 - 2	31 OCT 2024
UATT AD 2.24.11-5 - 1	01 OCT 2026	UAAA AD 2.24.7-12 - 2	11 JUL 2024	UAAA AD 2.24.11-13 - 1	01 OCT 2026
UATT AD 2.24.11-5 - 2	19 FEB 2026	UAAA AD 2.24.7-13 - 1	11 JUN 2026	UAAA AD 2.24.11-13 - 2	04 NOV 2021
UATT AD 2.24.12 - 1	19 FEB 2026	UAAA AD 2.24.7-13 - 2	11 JUL 2024	UAAA AD 2.24.11-14 - 1	01 OCT 2026
UATT AD 2.24.12 - 2	30 MAR 2017	UAAA AD 2.24.9-1 - 1	11 JUN 2026	UAAA AD 2.24.11-14 - 2	15 JUN 2023
UATT AD 2.24.14 - 1	19 FEB 2026	UAAA AD 2.24.9-1 - 2	15 JUN 2023	UAAA AD 2.24.12 - 1	11 JUN 2026
UATT AD 2.24.14 - 2	15 JUL 2021	UAAA AD 2.24.9-2 - 1	11 JUN 2026	UAAA AD 2.24.12 - 2	30 MAR 2017
AD-2-UAAA - 1	09 JUL 2026	UAAA AD 2.24.9-2 - 2	30 MAR 2017	UAAA AD 2.24.14 - 1	11 JUN 2026
AD-2-UAAA - 2	01 OCT 2026	UAAA AD 2.24.9-3 - 1	11 JUN 2026	UAAA AD 2.24.14 - 2	04 NOV 2021
AD-2-UAAA - 3	29 OCT 2026	UAAA AD 2.24.9-3 - 2	10 AUG 2023	AD-2-UAUR - 1	01 OCT 2026
AD-2-UAAA - 4	01 OCT 2026	UAAA AD 2.24.9-4 - 1	11 JUN 2026	AD-2-UAUR - 2	01 OCT 2026
AD-2-UAAA - 5	01 OCT 2026	UAAA AD 2.24.9-4 - 2	30 MAR 2017	AD-2-UAUR - 3	01 OCT 2026
AD-2-UAAA - 6	19 MAR 2026	UAAA AD 2.24.9-5 - 1	11 JUN 2026	AD-2-UAUR - 4	01 OCT 2026
AD-2-UAAA - 7	19 MAR 2026	UAAA AD 2.24.9-5 - 2	15 JUN 2023	AD-2-UAUR - 5	01 OCT 2026
AD-2-UAAA - 8	16 APR 2026	UAAA AD 2.24.9-6 - 1	11 JUN 2026	AD-2-UAUR - 6	01 OCT 2026
AD-2-UAAA - 9	16 APR 2026	UAAA AD 2.24.9-6 - 2	30 MAR 2017	AD-2-UAUR - 7	01 OCT 2026
AD-2-UAAA - 10	16 APR 2026	UAAA AD 2.24.9-7 - 1	11 JUN 2026	AD-2-UAUR - 8	01 OCT 2026
AD-2-UAAA - 11	06 AUG 2026	UAAA AD 2.24.9-7 - 2	22 JAN 2026	UAUR AD 2.24.1 - 1	29 OCT 2026
AD-2-UAAA - 12	06 AUG 2026	UAAA AD 2.24.9-8 - 1	11 JUN 2026	UAUR AD 2.24.1 - 2	09 JUL 2026
AD-2-UAAA - 13	03 SEP 2026	UAAA AD 2.24.9-8 - 2	30 MAR 2017	UAUR AD 2.24.3 - 1	06 AUG 2026
AD-2-UAAA - 14	03 SEP 2026	UAAA AD 2.24.9-9 - 1	11 JUN 2026	UAUR AD 2.24.3 - 2	09 JUL 2026
AD-2-UAAA - 15	03 SEP 2026	UAAA AD 2.24.9-9 - 2	06 AUG 2026	UAUR AD 2.24.6 - 1	29 OCT 2026
AD-2-UAAA - 16	03 SEP 2026	UAAA AD 2.24.9-10 - 1	11 JUN 2026	UAUR AD 2.24.6 - 2	09 JUL 2026
AD-2-UAAA - 17	03 SEP 2026	UAAA AD 2.24.9-10 - 2	03 SEP 2026	UAUR AD 2.24.7-1 - 1	29 OCT 2026
AD-2-UAAA - 18	01 OCT 2026	UAAA AD 2.24.9-11 - 1	11 JUN 2026	UAUR AD 2.24.7-1 - 2	29 OCT 2026
AD-2-UAAA - 19	01 OCT 2026	UAAA AD 2.24.9-11 - 2	03 SEP 2026	UAUR AD 2.24.7-2 - 1	03 SEP 2026
AD-2-UAAA - 20	01 OCT 2026	UAAA AD 2.24.9-12 - 1	11 JUN 2026	UAUR AD 2.24.7-2 - 2	09 JUL 2026
AD-2-UAAA - 21	01 OCT 2026	UAAA AD 2.24.9-12 - 2	03 SEP 2026	UAUR AD 2.24.7-3 - 1	03 SEP 2026
AD-2-UAAA - 22	01 OCT 2026	UAAA AD 2.24.9-13 - 1	11 JUN 2026	UAUR AD 2.24.7-3 - 2	09 JUL 2026
AD-2-UAAA - 23	01 OCT 2026	UAAA AD 2.24.9-13 - 2	03 SEP 2026	UAUR AD 2.24.7-4 - 1	03 SEP 2026
AD-2-UAAA - 24	01 OCT 2026	UAAA AD 2.24.9-14 - 1	11 JUN 2026	UAUR AD 2.24.7-4 - 2	09 JUL 2026
AD-2-UAAA - 25	01 OCT 2026	UAAA AD 2.24.9-14 - 2	06 AUG 2026	UAUR AD 2.24.9-1 - 1	03 SEP 2026
AD-2-UAAA - 26	01 OCT 2026	UAAA AD 2.24.9-15 - 1	11 JUN 2026	UAUR AD 2.24.9-1 - 2	09 JUL 2026
AD-2-UAAA - 27	01 OCT 2026	UAAA AD 2.24.9-15 - 2	06 AUG 2026	UAUR AD 2.24.9-2 - 1	03 SEP 2026
AD-2-UAAA - 28	01 OCT 2026	UAAA AD 2.24.9-16 - 1	11 JUN 2026	UAUR AD 2.24.9-2 - 2	09 JUL 2026
UAAA AD 2.24.1 - 1	01 OCT 2026	UAAA AD 2.24.9-16 - 2	11 JUN 2026	UAUR AD 2.24.9-3 - 1	29 OCT 2026
UAAA AD 2.24.1 - 2	30 MAR 2017	UAAA AD 2.24.9-17 - 1	11 JUN 2026	UAUR AD 2.24.9-3 - 2	06 AUG 2026
UAAA AD 2.24.3 - 1	29 OCT 2026	UAAA AD 2.24.9-17 - 2	11 JUN 2026	UAUR AD 2.24.9-4 - 1	03 SEP 2026
UAAA AD 2.24.3 - 2	06 AUG 2026	UAAA AD 2.24.9-18 - 1	11 JUN 2026	UAUR AD 2.24.9-4 - 2	06 AUG 2026
UAAA AD 2.24.4-1 - 1	19 MAR 2026	UAAA AD 2.24.9-18 - 2	11 JUN 2026	UAUR AD 2.24.9-5 - 1	29 OCT 2026
UAAA AD 2.24.4-1 - 2	30 MAR 2017	UAAA AD 2.24.9-19 - 1	11 JUN 2026	UAUR AD 2.24.9-5 - 2	29 OCT 2026
UAAA AD 2.24.4-2 - 1	19 MAR 2026	UAAA AD 2.24.9-19 - 2	11 JUN 2026	UAUR AD 2.24.9-6 - 1	29 OCT 2026
UAAA AD 2.24.4-2 - 2	30 MAR 2017	UAAA AD 2.24.9-20 - 1	11 JUN 2026	UAUR AD 2.24.9-6 - 2	29 OCT 2026
UAAA AD 2.24.5-1 - 1	09 NOV 2017	UAAA AD 2.24.9-20 - 2	11 JUN 2026	UAUR AD 2.24.11-1 - 1	03 SEP 2026
UAAA AD 2.24.5-1 - 2	30 MAR 2017	UAAA AD 2.24.9-21 - 1	11 JUN 2026	UAUR AD 2.24.11-1 - 2	03 SEP 2026
UAAA AD 2.24.5-2 - 1	30 MAR 2017	UAAA AD 2.24.9-21 - 2	11 JUN 2026	UAUR AD 2.24.11-2 - 1	03 SEP 2026
UAAA AD 2.24.5-2 - 2	30 MAR 2017	UAAA AD 2.24.10 - 1	01 OCT 2026	UAUR AD 2.24.11-2 - 2	03 SEP 2026
UAAA AD 2.24.6 - 1	01 OCT 2026	UAAA AD 2.24.10 - 2	30 MAR 2017	UAUR AD 2.24.11-5 - 1	03 SEP 2026
UAAA AD 2.24.6 - 2	30 MAR 2017	UAAA AD 2.24.11-1 - 1	01 OCT 2026	UAUR AD 2.24.11-5 - 2	03 SEP 2026
UAAA AD 2.24.7-1 - 1	11 JUN 2026	UAAA AD 2.24.11-1 - 2	16 MAY 2024	UAUR AD 2.24.11-6 - 1	03 SEP 2026
UAAA AD 2.24.7-1 - 2	15 JUN 2023	UAAA AD 2.24.11-2 - 1	01 OCT 2026	UAUR AD 2.24.11-6 - 2	03 SEP 2026
UAAA AD 2.24.7-2 - 1	11 JUN 2026	UAAA AD 2.24.11-2 - 2	15 JUN 2023	UAUR AD 2.24.11-7 - 1	29 OCT 2026

Page	Date	Page	Date	Page	Date
UAUR AD 2.24.11-7 - 2	09 JUL 2026	UACC AD 2.24.11-1 - 1	29 OCT 2026	UATG AD 2.24.9-3 - 2	16 MAY 2024
UAUR AD 2.24.11-8 - 1	29 OCT 2026	UACC AD 2.24.11-1 - 2	26 JAN 2023	UATG AD 2.24.9-4 - 1	05 SEP 2024
UAUR AD 2.24.11-8 - 2	03 SEP 2026	UACC AD 2.24.11-2 - 1	09 JUL 2026	UATG AD 2.24.9-4 - 2	16 MAY 2024
UAUR AD 2.24.12 - 1	03 SEP 2026	UACC AD 2.24.11-2 - 2	26 JAN 2023	UATG AD 2.24.9-5 - 1	05 SEP 2024
UAUR AD 2.24.12 - 2	09 JUL 2026	UACC AD 2.24.11-3 - 1	29 OCT 2026	UATG AD 2.24.9-5 - 2	05 SEP 2024
AD-2-UACC - 1	19 MAR 2026	UACC AD 2.24.11-3 - 2	26 JAN 2023	UATG AD 2.24.9-6 - 1	05 SEP 2024
AD-2-UACC - 2	22 JAN 2026	UACC AD 2.24.11-4 - 1	09 JUL 2026	UATG AD 2.24.9-6 - 2	05 SEP 2024
AD-2-UACC - 3	09 JUL 2026	UACC AD 2.24.11-4 - 2	26 JAN 2023	UATG AD 2.24.10 - 1	05 SEP 2024
AD-2-UACC - 4	01 OCT 2026	UACC AD 2.24.11-5 - 1	09 JUL 2026	UATG AD 2.24.10 - 2	30 MAR 2017
AD-2-UACC - 5	16 APR 2026	UACC AD 2.24.11-5 - 2	26 JAN 2023	UATG AD 2.24.11-1 - 1	14 MAY 2026
AD-2-UACC - 6	07 AUG 2025	UACC AD 2.24.11-6 - 1	09 JUL 2026	UATG AD 2.24.11-1 - 2	07 NOV 2019
AD-2-UACC - 7	20 MAR 2025	UACC AD 2.24.11-6 - 2	26 JAN 2023	UATG AD 2.24.11-2 - 1	14 MAY 2026
AD-2-UACC - 8	20 MAR 2025	UACC AD 2.24.11-7 - 1	01 OCT 2026	UATG AD 2.24.11-2 - 2	01 DEC 2022
AD-2-UACC - 9	30 OCT 2025	UACC AD 2.24.11-7 - 2	06 AUG 2026	UATG AD 2.24.11-3 - 1	14 MAY 2026
AD-2-UACC - 10	03 SEP 2026	UACC AD 2.24.11-8 - 1	01 OCT 2026	UATG AD 2.24.11-3 - 2	25 FEB 2021
AD-2-UACC - 11	03 SEP 2026	UACC AD 2.24.11-8 - 2	06 AUG 2026	UATG AD 2.24.11-4 - 1	14 MAY 2026
AD-2-UACC - 12	03 SEP 2026	UACC AD 2.24.12 - 1	09 JUL 2026	UATG AD 2.24.11-4 - 2	25 FEB 2021
AD-2-UACC - 13	03 SEP 2026	UACC AD 2.24.12 - 2	30 MAR 2017	UATG AD 2.24.11-5 - 1	09 JUL 2026
AD-2-UACC - 14	03 SEP 2026	UACC AD 2.24.13-1 - 1	09 JUL 2026	UATG AD 2.24.11-5 - 2	25 FEB 2021
AD-2-UACC - 15	03 SEP 2026	UACC AD 2.24.13-1 - 2	23 MAY 2019	UATG AD 2.24.11-6 - 1	14 MAY 2026
AD-2-UACC - 16	03 SEP 2026	UACC AD 2.24.13-2 - 1	09 JUL 2026	UATG AD 2.24.11-6 - 2	25 FEB 2021
UACC AD 2.24.1 - 1	22 JAN 2026	UACC AD 2.24.13-2 - 2	23 MAY 2019	UATG AD 2.24.11-7 - 1	05 SEP 2024
UACC AD 2.24.1 - 2	30 MAR 2017	UACC AD 2.24.13-3 - 1	09 JUL 2026	UATG AD 2.24.11-7 - 2	16 MAY 2024
UACC AD 2.24.3 - 1	01 OCT 2026	UACC AD 2.24.13-3 - 2	23 MAY 2019	UATG AD 2.24.11-8 - 1	05 SEP 2024
UACC AD 2.24.3 - 2	01 OCT 2026	UACC AD 2.24.13-4 - 1	09 JUL 2026	UATG AD 2.24.11-8 - 2	16 MAY 2024
UACC AD 2.24.4 - 1	25 JAN 2024	UACC AD 2.24.13-4 - 2	23 MAY 2019	UATG AD 2.24.12 - 1	05 SEP 2024
UACC AD 2.24.4 - 2	23 FEB 2023	UACC AD 2.24.13-5 - 1	09 JUL 2026	UATG AD 2.24.12 - 2	30 MAR 2017
UACC AD 2.24.5-1 - 1	30 JAN 2020	UACC AD 2.24.13-5 - 2	07 NOV 2019	UATG AD 2.24.14 - 1	05 SEP 2024
UACC AD 2.24.5-1 - 2	30 MAR 2017	UACC AD 2.24.13-6 - 1	09 JUL 2026	UATG AD 2.24.14 - 2	15 JUL 2021
UACC AD 2.24.5-2 - 1	30 JAN 2020	UACC AD 2.24.13-6 - 2	07 NOV 2019	AD-2-UAAH - 1	29 OCT 2026
UACC AD 2.24.5-2 - 2	30 MAR 2017	UACC AD 2.24.14 - 1	09 JUL 2026	AD-2-UAAH - 2	29 OCT 2026
UACC AD 2.24.6 - 1	09 JUL 2026	UACC AD 2.24.14 - 2	21 MAR 2024	AD-2-UAAH - 3	07 AUG 2025
UACC AD 2.24.6 - 2	30 MAR 2017	AD-2-UATG - 1	19 FEB 2026	AD-2-UAAH - 4	29 OCT 2026
UACC AD 2.24.7-1 - 1	09 JUL 2026	AD-2-UATG - 2	19 FEB 2026	AD-2-UAAH - 5	01 OCT 2026
UACC AD 2.24.7-1 - 2	04 SEP 2025	AD-2-UATG - 3	19 FEB 2026	AD-2-UAAH - 6	01 OCT 2026
UACC AD 2.24.7-2 - 1	09 JUL 2026	AD-2-UATG - 4	08 AUG 2024	AD-2-UAAH - 7	01 OCT 2026
UACC AD 2.24.7-2 - 2	04 SEP 2025	AD-2-UATG - 5	22 JAN 2026	AD-2-UAAH - 8	01 OCT 2026
UACC AD 2.24.7-3 - 1	09 JUL 2026	AD-2-UATG - 6	19 FEB 2026	AD-2-UAAH - 9	27 NOV 2025
UACC AD 2.24.7-3 - 2	07 NOV 2019	AD-2-UATG - 7	19 FEB 2026	AD-2-UAAH - 10	29 OCT 2026
UACC AD 2.24.7-4 - 1	09 JUL 2026	AD-2-UATG - 8	19 FEB 2026	UAAH AD 2.24.1 - 1	01 OCT 2026
UACC AD 2.24.7-4 - 2	07 NOV 2019	AD-2-UATG - 9	19 FEB 2026	UAAH AD 2.24.1 - 2	30 MAR 2017
UACC AD 2.24.7-5 - 1	09 JUL 2026	AD-2-UATG - 10	19 FEB 2026	UAAH AD 2.24.3 - 1	07 AUG 2025
UACC AD 2.24.7-5 - 2	12 JUN 2025	AD-2-UATG - 11	19 FEB 2026	UAAH AD 2.24.3 - 2	04 SEP 2025
UACC AD 2.24.7-6 - 1	09 JUL 2026	AD-2-UATG - 12	19 FEB 2026	UAAH AD 2.24.4 - 1	10 AUG 2023
UACC AD 2.24.7-6 - 2	05 DEC 2019	AD-2-UATG - 13	19 FEB 2026	UAAH AD 2.24.4 - 2	01 FEB 2018
UACC AD 2.24.7-7 - 1	09 JUL 2026	AD-2-UATG - 14	19 FEB 2026	UAAH AD 2.24.7-1 - 1	15 JUN 2023
UACC AD 2.24.7-7 - 2	12 JUN 2025	AD-2-UATG - 15	19 MAR 2026	UAAH AD 2.24.7-1 - 2	15 JUN 2023
UACC AD 2.24.7-8 - 1	09 JUL 2026	AD-2-UATG - 16	19 MAR 2026	UAAH AD 2.24.7-2 - 1	15 JUN 2023
UACC AD 2.24.7-8 - 2	07 NOV 2019	AD-2-UATG - 17	19 MAR 2026	UAAH AD 2.24.7-2 - 2	15 JUN 2023
UACC AD 2.24.9-1 - 1	09 JUL 2026	AD-2-UATG - 18	19 MAR 2026	UAAH AD 2.24.7-3 - 1	27 NOV 2025
UACC AD 2.24.9-1 - 2	04 SEP 2025	UATG AD 2.24.1 - 1	16 MAY 2024	UAAH AD 2.24.7-3 - 2	27 NOV 2025
UACC AD 2.24.9-2 - 1	09 JUL 2026	UATG AD 2.24.1 - 2	30 MAR 2017	UAAH AD 2.24.7-4 - 1	27 NOV 2025
UACC AD 2.24.9-2 - 2	04 SEP 2025	UATG AD 2.24.3 - 1	22 JAN 2026	UAAH AD 2.24.7-4 - 2	27 NOV 2025
UACC AD 2.24.9-3 - 1	09 JUL 2026	UATG AD 2.24.3 - 2	22 JAN 2026	UAAH AD 2.24.9-1 - 1	15 JUN 2023
UACC AD 2.24.9-3 - 2	06 AUG 2026	UATG AD 2.24.4 - 1	15 JUN 2023	UAAH AD 2.24.9-1 - 2	15 JUN 2023
UACC AD 2.24.9-4 - 1	09 JUL 2026	UATG AD 2.24.4 - 2	25 MAY 2017	UAAH AD 2.24.9-2 - 1	15 JUN 2023
UACC AD 2.24.9-4 - 2	06 AUG 2026	UATG AD 2.24.5 - 1	30 MAR 2017	UAAH AD 2.24.9-2 - 2	15 JUN 2023
UACC AD 2.24.9-5 - 1	09 JUL 2026	UATG AD 2.24.5 - 2	30 MAR 2017	UAAH AD 2.24.9-3 - 1	27 NOV 2025
UACC AD 2.24.9-5 - 2	06 AUG 2026	UATG AD 2.24.7-1 - 1	05 SEP 2024	UAAH AD 2.24.9-3 - 2	06 AUG 2026
UACC AD 2.24.9-6 - 1	09 JUL 2026	UATG AD 2.24.7-1 - 2	23 APR 2020	UAAH AD 2.24.9-4 - 1	27 NOV 2025
UACC AD 2.24.9-6 - 2	06 AUG 2026	UATG AD 2.24.7-2 - 1	05 SEP 2024	UAAH AD 2.24.9-4 - 2	06 AUG 2026
UACC AD 2.24.9-7 - 1	09 JUL 2026	UATG AD 2.24.7-2 - 2	16 JUL 2020	UAAH AD 2.24.10 - 1	15 JUN 2023
UACC AD 2.24.9-7 - 2	12 JUN 2025	UATG AD 2.24.7-3 - 1	05 SEP 2024	UAAH AD 2.24.10 - 2	04 NOV 2021
UACC AD 2.24.9-8 - 1	09 JUL 2026	UATG AD 2.24.7-3 - 2	05 SEP 2024	UAAH AD 2.24.11-1 - 1	14 MAY 2026
UACC AD 2.24.9-8 - 2	12 JUN 2025	UATG AD 2.24.7-4 - 1	31 OCT 2024	UAAH AD 2.24.11-1 - 2	15 JUN 2023
UACC AD 2.24.9-9 - 1	09 JUL 2026	UATG AD 2.24.7-4 - 2	23 JAN 2025	UAAH AD 2.24.11-2 - 1	14 MAY 2026
UACC AD 2.24.9-9 - 2	12 JUN 2025	UATG AD 2.24.9-1 - 1	05 SEP 2024	UAAH AD 2.24.11-2 - 2	15 JUN 2023
UACC AD 2.24.9-10 - 1	01 OCT 2026	UATG AD 2.24.9-1 - 2	23 APR 2020	UAAH AD 2.24.11-3 - 1	14 MAY 2026
UACC AD 2.24.9-10 - 2	12 JUN 2025	UATG AD 2.24.9-2 - 1	05 SEP 2024	UAAH AD 2.24.11-3 - 2	06 AUG 2026
UACC AD 2.24.10 - 1	09 JUL 2026	UATG AD 2.24.9-2 - 2	23 APR 2020	UAAH AD 2.24.11-4 - 1	14 MAY 2026
UACC AD 2.24.10 - 2	30 MAR 2017	UATG AD 2.24.9-3 - 1	05 SEP 2024	UAAH AD 2.24.11-4 - 2	06 AUG 2026

Page	Date	Page	Date	Page	Date
UAAH AD 2.24.12 - 1	23 JAN 2025	UAKK AD 2.24.11-4 - 2	20 MAY 2021	UACK AD 2.24.7-3 - 1	31 OCT 2024
UAAH AD 2.24.12 - 2	30 MAR 2017	UAKK AD 2.24.11-5 - 1	14 MAY 2026	UACK AD 2.24.7-3 - 2	07 NOV 2019
UAAH AD 2.24.14 - 1	23 FEB 2023	UAKK AD 2.24.11-5 - 2	20 MAY 2021	UACK AD 2.24.7-4 - 1	31 OCT 2024
UAAH AD 2.24.14 - 2	15 JUL 2021	UAKK AD 2.24.11-6 - 1	14 MAY 2026	UACK AD 2.24.7-4 - 2	31 OCT 2024
AD-2-UAIK - 1	22 JAN 2026	UAKK AD 2.24.11-6 - 2	15 JUL 2021	UACK AD 2.24.9-2 - 1	31 OCT 2024
AD-2-UAIK - 2	22 JAN 2026	UAKK AD 2.24.11-7 - 1	14 MAY 2026	UACK AD 2.24.9-2 - 2	31 OCT 2024
AD-2-UAIK - 3	30 OCT 2025	UAKK AD 2.24.11-7 - 2	20 MAY 2021	UACK AD 2.24.9-3 - 1	31 OCT 2024
AD-2-UAIK - 4	22 JAN 2026	UAKK AD 2.24.11-8 - 1	14 MAY 2026	UACK AD 2.24.9-3 - 2	31 OCT 2024
AD-2-UAIK - 5	22 JAN 2026	UAKK AD 2.24.11-8 - 2	20 MAY 2021	UACK AD 2.24.10 - 1	05 SEP 2024
AD-2-UAIK - 6	22 JAN 2026	UAKK AD 2.24.12 - 1	17 APR 2025	UACK AD 2.24.10 - 2	30 MAR 2017
AD-2-UAIK - 7	22 JAN 2026	UAKK AD 2.24.12 - 2	30 MAR 2017	UACK AD 2.24.11-1 - 1	14 MAY 2026
AD-2-UAIK - 8	22 JAN 2026	UAKK AD 2.24.14 - 1	23 FEB 2023	UACK AD 2.24.11-1 - 2	07 NOV 2019
UAIK AD 2.24.1 - 1	22 JAN 2026	UAKK AD 2.24.14 - 2	15 JUL 2021	UACK AD 2.24.11-2 - 1	14 MAY 2026
UAIK AD 2.24.1 - 2	30 OCT 2025	AD-2-UASW - 1	29 OCT 2026	UACK AD 2.24.11-2 - 2	07 NOV 2019
UAIK AD 2.24.3 - 1	22 JAN 2026	AD-2-UASW - 2	03 SEP 2026	UACK AD 2.24.11-3 - 1	11 JUL 2024
UAIK AD 2.24.3 - 2	30 OCT 2025	AD-2-UASW - 3	03 SEP 2026	UACK AD 2.24.11-3 - 2	07 NOV 2019
UAIK AD 2.24.6 - 1	03 SEP 2026	AD-2-UASW - 4	29 OCT 2026	UACK AD 2.24.11-4 - 1	11 JUL 2024
UAIK AD 2.24.6 - 2	30 OCT 2025	AD-2-UASW - 5	03 SEP 2026	UACK AD 2.24.11-4 - 2	07 NOV 2019
UAIK AD 2.24.7-1 - 1	30 OCT 2025	AD-2-UASW - 6	03 SEP 2026	UACK AD 2.24.12 - 1	11 JUL 2024
UAIK AD 2.24.7-1 - 2	27 NOV 2025	AD-2-UASW - 7	01 OCT 2026	UACK AD 2.24.12 - 2	30 MAR 2017
UAIK AD 2.24.7-2 - 1	30 OCT 2025	AD-2-UASW - 8	03 SEP 2026	UACK AD 2.24.14 - 1	23 FEB 2023
UAIK AD 2.24.7-2 - 2	27 NOV 2025	UASW AD 2.24.1 - 1	29 OCT 2026	UACK AD 2.24.14 - 2	15 JUL 2021
UAIK AD 2.24.9-1 - 1	27 NOV 2025	UASW AD 2.24.1 - 2	03 SEP 2026	AD-2-UAAU - 1	14 MAY 2026
UAIK AD 2.24.9-1 - 2	06 AUG 2026	UASW AD 2.24.3 - 1	03 SEP 2026	AD-2-UAAU - 2	04 SEP 2025
UAIK AD 2.24.9-2 - 1	27 NOV 2025	UASW AD 2.24.3 - 2	01 OCT 2026	AD-2-UAAU - 3	04 SEP 2025
UAIK AD 2.24.9-2 - 2	06 AUG 2026	UASW AD 2.24.6 - 1	01 OCT 2026	AD-2-UAAU - 4	04 SEP 2025
UAIK AD 2.24.11-1 - 1	27 NOV 2025	UASW AD 2.24.6 - 2	03 SEP 2026	AD-2-UAAU - 5	04 SEP 2025
UAIK AD 2.24.11-1 - 2	06 AUG 2026	UASW AD 2.24.7-1 - 1	03 SEP 2026	AD-2-UAAU - 6	04 SEP 2025
UAIK AD 2.24.11-2 - 1	30 OCT 2025	UASW AD 2.24.7-1 - 2	03 SEP 2026	AD-2-UAAU - 7	04 SEP 2025
UAIK AD 2.24.11-2 - 2	06 AUG 2026	UASW AD 2.24.7-2 - 1	01 OCT 2026	AD-2-UAAU - 8	15 MAY 2025
UAIK AD 2.24.12 - 1	30 OCT 2025	UASW AD 2.24.7-2 - 2	01 OCT 2026	AD-2-UAAU - 9	04 SEP 2025
UAIK AD 2.24.12 - 2	30 OCT 2025	UASW AD 2.24.7-3 - 1	01 OCT 2026	AD-2-UAAU - 10	04 SEP 2025
AD-2-UAKK - 1	08 AUG 2024	UASW AD 2.24.7-3 - 2	01 OCT 2026	AD-2-UAAU - 11	30 OCT 2025
AD-2-UAKK - 2	21 MAR 2024	UASW AD 2.24.9-1 - 1	03 SEP 2026	AD-2-UAAU - 12	30 OCT 2025
AD-2-UAKK - 3	12 JUN 2025	UASW AD 2.24.9-1 - 2	03 SEP 2026	AD-2-UAAU - 13	30 OCT 2025
AD-2-UAKK - 4	15 MAY 2025	UASW AD 2.24.9-2 - 1	01 OCT 2026	AD-2-UAAU - 14	16 APR 2026
AD-2-UAKK - 5	03 SEP 2026	UASW AD 2.24.9-2 - 2	01 OCT 2026	UAUU AD 2.24.1 - 1	12 JUN 2025
AD-2-UAKK - 6	01 OCT 2026	UASW AD 2.24.9-3 - 1	01 OCT 2026	UAUU AD 2.24.1 - 2	30 MAR 2017
AD-2-UAKK - 7	14 MAY 2026	UASW AD 2.24.9-3 - 2	01 OCT 2026	UAUU AD 2.24.3 - 1	27 NOV 2025
AD-2-UAKK - 8	14 MAY 2026	UASW AD 2.24.11-1 - 1	01 OCT 2026	UAUU AD 2.24.3 - 2	17 APR 2025
AD-2-UAKK - 9	14 MAY 2026	UASW AD 2.24.11-1 - 2	01 OCT 2026	UAUU AD 2.24.7-1 - 1	16 APR 2026
AD-2-UAKK - 10	27 NOV 2025	UASW AD 2.24.11-2 - 1	01 OCT 2026	UAUU AD 2.24.7-1 - 2	06 OCT 2022
AD-2-UAKK - 11	22 JAN 2026	UASW AD 2.24.11-2 - 2	01 OCT 2026	UAUU AD 2.24.7-2 - 1	16 APR 2026
AD-2-UAKK - 12	22 JAN 2026	UASW AD 2.24.11-3 - 1	03 SEP 2026	UAUU AD 2.24.7-2 - 2	06 OCT 2022
AD-2-UAKK - 13	22 JAN 2026	UASW AD 2.24.11-3 - 2	03 SEP 2026	UAUU AD 2.24.9-1 - 1	16 APR 2026
AD-2-UAKK - 14	14 MAY 2026	UASW AD 2.24.11-4 - 1	03 SEP 2026	UAUU AD 2.24.9-1 - 2	06 OCT 2022
AD-2-UAKK - 15	14 MAY 2026	UASW AD 2.24.11-4 - 2	03 SEP 2026	UAUU AD 2.24.9-2 - 1	16 APR 2026
AD-2-UAKK - 16	14 MAY 2026	UASW AD 2.24.12 - 1	01 OCT 2026	UAUU AD 2.24.9-2 - 2	06 OCT 2022
UAKK AD 2.24.1 - 1	15 MAY 2025	UASW AD 2.24.12 - 2	03 SEP 2026	UAUU AD 2.24.10 - 1	11 JUL 2024
UAKK AD 2.24.1 - 2	30 MAR 2017	AD-2-UACK - 1	03 SEP 2026	UAUU AD 2.24.10 - 2	30 MAR 2017
UAKK AD 2.24.3 - 1	15 MAY 2025	AD-2-UACK - 2	10 AUG 2023	UAUU AD 2.24.11-1 - 1	14 MAY 2026
UAKK AD 2.24.3 - 2	25 FEB 2021	AD-2-UACK - 3	31 OCT 2024	UAUU AD 2.24.11-1 - 2	06 OCT 2022
UAKK AD 2.24.4 - 1	30 OCT 2025	AD-2-UACK - 4	12 JUN 2025	UAUU AD 2.24.11-2 - 1	14 MAY 2026
UAKK AD 2.24.4 - 2	24 FEB 2022	AD-2-UACK - 5	03 SEP 2026	UAUU AD 2.24.11-2 - 2	06 OCT 2022
UAKK AD 2.24.7-1 - 1	05 SEP 2024	AD-2-UACK - 6	03 SEP 2026	UAUU AD 2.24.11-3 - 1	14 MAY 2026
UAKK AD 2.24.7-1 - 2	05 SEP 2024	AD-2-UACK - 7	03 SEP 2026	UAUU AD 2.24.11-3 - 2	06 OCT 2022
UAKK AD 2.24.7-2 - 1	05 SEP 2024	AD-2-UACK - 8	03 SEP 2026	UAUU AD 2.24.11-4 - 1	14 MAY 2026
UAKK AD 2.24.7-2 - 2	05 SEP 2024	AD-2-UACK - 9	03 SEP 2026	UAUU AD 2.24.11-4 - 2	06 OCT 2022
UAKK AD 2.24.9-1 - 1	05 SEP 2024	AD-2-UACK - 10	03 SEP 2026	UAUU AD 2.24.11-5 - 1	14 MAY 2026
UAKK AD 2.24.9-1 - 2	05 SEP 2024	UACK AD 2.24.1 - 1	16 MAY 2024	UAUU AD 2.24.11-5 - 2	14 MAY 2026
UAKK AD 2.24.9-2 - 1	05 SEP 2024	UACK AD 2.24.1 - 2	30 MAR 2017	UAUU AD 2.24.12 - 1	11 JUL 2024
UAKK AD 2.24.9-2 - 2	05 SEP 2024	UACK AD 2.24.3 - 1	16 MAY 2024	UAUU AD 2.24.12 - 2	30 MAR 2017
UAKK AD 2.24.10 - 1	11 JUL 2024	UACK AD 2.24.3 - 2	30 MAR 2017	UAUU AD 2.24.14 - 1	23 FEB 2023
UAKK AD 2.24.10 - 2	30 MAR 2017	UACK AD 2.24.4 - 1	16 MAY 2024	UAUU AD 2.24.14 - 2	15 JUL 2021
UAKK AD 2.24.11-1 - 1	14 MAY 2026	UACK AD 2.24.4 - 2	30 MAR 2017	AD-2-UAAO - 1	08 AUG 2024
UAKK AD 2.24.11-1 - 2	20 MAY 2021	UACK AD 2.24.6 - 1	01 OCT 2026	AD-2-UAAO - 2	10 JUL 2025
UAKK AD 2.24.11-2 - 1	14 MAY 2026	UACK AD 2.24.6 - 2	30 MAR 2017	AD-2-UAAO - 3	10 JUL 2025
UAKK AD 2.24.11-2 - 2	20 MAY 2021	UACK AD 2.24.7-1 - 1	31 OCT 2024	AD-2-UAAO - 4	27 NOV 2025
UAKK AD 2.24.11-3 - 1	14 MAY 2026	UACK AD 2.24.7-1 - 2	31 OCT 2024	AD-2-UAAO - 5	27 NOV 2025
UAKK AD 2.24.11-3 - 2	20 MAY 2021	UACK AD 2.24.7-2 - 1	31 OCT 2024	AD-2-UAAO - 6	27 NOV 2025
UAKK AD 2.24.11-4 - 1	14 MAY 2026	UACK AD 2.24.7-2 - 2	31 OCT 2024	AD-2-UAAO - 7	27 NOV 2025

Page	Date	Page	Date	Page	Date
AD-2-UAOO - 8	27 NOV 2025	UASP AD 2.24.10 - 1	05 OCT 2023	AD-2-UASS - 10	16 APR 2026
AD-2-UAOO - 9	27 NOV 2025	UASP AD 2.24.10 - 2	30 MAR 2017	AD-2-UASS - 11	16 APR 2026
AD-2-UAOO - 10	27 NOV 2025	UASP AD 2.24.11-1 - 1	04 SEP 2025	AD-2-UASS - 12	22 JAN 2026
UAOO AD 2.24.1 - 1	23 FEB 2023	UASP AD 2.24.11-1 - 2	05 OCT 2023	UASS AD 2.24.1 - 1	19 FEB 2026
UAOO AD 2.24.1 - 2	30 MAR 2017	UASP AD 2.24.11-2 - 1	04 SEP 2025	UASS AD 2.24.1 - 2	30 MAR 2017
UAOO AD 2.24.3 - 1	19 MAY 2022	UASP AD 2.24.11-2 - 2	05 OCT 2023	UASS AD 2.24.3 - 1	22 JAN 2026
UAOO AD 2.24.3 - 2	30 MAR 2017	UASP AD 2.24.11-3 - 1	05 OCT 2023	UASS AD 2.24.3 - 2	17 APR 2025
UAOO AD 2.24.4 - 1	15 MAY 2025	UASP AD 2.24.11-3 - 2	25 FEB 2021	UASS AD 2.24.4 - 1	28 MAR 2019
UAOO AD 2.24.4 - 2	30 MAR 2017	UASP AD 2.24.11-4 - 1	05 OCT 2023	UASS AD 2.24.4 - 2	30 MAR 2017
UAOO AD 2.24.7-1 - 1	11 JUL 2024	UASP AD 2.24.11-4 - 2	05 OCT 2023	UASS AD 2.24.7-1 - 1	23 JAN 2025
UAOO AD 2.24.7-1 - 2	19 MAY 2022	UASP AD 2.24.11-5 - 1	05 OCT 2023	UASS AD 2.24.7-1 - 2	23 JAN 2025
UAOO AD 2.24.7-2 - 1	11 JUL 2024	UASP AD 2.24.11-5 - 2	05 OCT 2023	UASS AD 2.24.7-2 - 1	23 JAN 2025
UAOO AD 2.24.7-2 - 2	19 MAY 2022	UASP AD 2.24.12 - 1	05 OCT 2023	UASS AD 2.24.7-2 - 2	23 JAN 2025
UAOO AD 2.24.7-3 - 1	27 NOV 2025	UASP AD 2.24.12 - 2	30 MAR 2017	UASS AD 2.24.9-1 - 1	23 JAN 2025
UAOO AD 2.24.7-3 - 2	27 NOV 2025	UASP AD 2.24.14 - 1	05 OCT 2023	UASS AD 2.24.9-1 - 2	23 JAN 2025
UAOO AD 2.24.7-4 - 1	27 NOV 2025	UASP AD 2.24.14 - 2	15 JUL 2021	UASS AD 2.24.9-2 - 1	23 JAN 2025
UAOO AD 2.24.7-4 - 2	27 NOV 2025	AD-2-UACP - 1	15 MAY 2025	UASS AD 2.24.9-2 - 2	23 JAN 2025
UAOO AD 2.24.9-1 - 1	11 JUL 2024	AD-2-UACP - 2	21 MAR 2024	UASS AD 2.24.10 - 1	31 OCT 2024
UAOO AD 2.24.9-1 - 2	19 MAY 2022	AD-2-UACP - 3	31 OCT 2024	UASS AD 2.24.10 - 2	30 MAR 2017
UAOO AD 2.24.9-2 - 1	11 JUL 2024	AD-2-UACP - 4	15 MAY 2025	UASS AD 2.24.11-1 - 1	14 MAY 2026
UAOO AD 2.24.9-2 - 2	19 MAY 2022	AD-2-UACP - 5	15 MAY 2025	UASS AD 2.24.11-1 - 2	16 JUL 2020
UAOO AD 2.24.9-3 - 1	27 NOV 2025	AD-2-UACP - 6	06 AUG 2026	UASS AD 2.24.11-2 - 1	14 MAY 2026
UAOO AD 2.24.9-3 - 2	27 NOV 2025	AD-2-UACP - 7	15 MAY 2025	UASS AD 2.24.11-2 - 2	20 MAR 2025
UAOO AD 2.24.9-4 - 1	27 NOV 2025	AD-2-UACP - 8	15 MAY 2025	UASS AD 2.24.11-3 - 1	23 JAN 2025
UAOO AD 2.24.9-4 - 2	27 NOV 2025	AD-2-UACP - 9	15 MAY 2025	UASS AD 2.24.11-3 - 2	23 JAN 2025
UAOO AD 2.24.9-5 - 1	27 NOV 2025	AD-2-UACP - 10	15 MAY 2025	UASS AD 2.24.11-4 - 1	20 MAR 2025
UAOO AD 2.24.9-5 - 2	27 NOV 2025	AD-2-UACP - 11	15 MAY 2025	UASS AD 2.24.11-4 - 2	20 MAR 2025
UAOO AD 2.24.10 - 1	11 JUL 2024	AD-2-UACP - 12	15 MAY 2025	UASS AD 2.24.12 - 1	23 JAN 2025
UAOO AD 2.24.10 - 2	30 MAR 2017	AD-2-UACP - 13	04 SEP 2025	UASS AD 2.24.12 - 2	30 MAR 2017
UAOO AD 2.24.11-1 - 1	31 OCT 2024	AD-2-UACP - 14	15 MAY 2025	UASS AD 2.24.14 - 1	23 FEB 2023
UAOO AD 2.24.11-1 - 2	19 MAY 2022	UACP AD 2.24.1 - 1	31 OCT 2024	UASS AD 2.24.14 - 2	15 JUL 2021
UAOO AD 2.24.11-2 - 1	11 JUL 2024	UACP AD 2.24.1 - 2	30 MAR 2017	AD-2-UASI - 1	01 OCT 2026
UAOO AD 2.24.11-2 - 2	19 MAY 2022	UACP AD 2.24.3 - 1	25 JAN 2024	AD-2-UASI - 2	01 OCT 2026
UAOO AD 2.24.11-3 - 1	23 JAN 2025	UACP AD 2.24.3 - 2	31 JAN 2019	AD-2-UASI - 3	01 OCT 2026
UAOO AD 2.24.11-3 - 2	19 MAY 2022	UACP AD 2.24.4 - 1	25 JAN 2024	AD-2-UASI - 4	01 OCT 2026
UAOO AD 2.24.11-4 - 1	11 JUL 2024	UACP AD 2.24.4 - 2	25 JAN 2024	AD-2-UASI - 5	01 OCT 2026
UAOO AD 2.24.11-4 - 2	19 MAY 2022	UACP AD 2.24.7-1 - 1	05 OCT 2023	AD-2-UASI - 6	01 OCT 2026
UAOO AD 2.24.11-5 - 1	27 NOV 2025	UACP AD 2.24.7-1 - 2	05 OCT 2023	AD-2-UASI - 7	01 OCT 2026
UAOO AD 2.24.11-5 - 2	27 NOV 2025	UACP AD 2.24.7-2 - 1	05 OCT 2023	AD-2-UASI - 8	01 OCT 2026
UAOO AD 2.24.11-6 - 1	22 JAN 2026	UACP AD 2.24.7-2 - 2	05 OCT 2023	UASI AD 2.24.1 - 1	01 OCT 2026
UAOO AD 2.24.11-6 - 2	27 NOV 2025	UACP AD 2.24.9-1 - 1	05 OCT 2023	UASI AD 2.24.1 - 2	11 JUN 2026
UAOO AD 2.24.12 - 1	11 JUL 2024	UACP AD 2.24.9-1 - 2	05 OCT 2023	UASI AD 2.24.3 - 1	01 OCT 2026
UAOO AD 2.24.12 - 2	30 MAR 2017	UACP AD 2.24.9-2 - 1	05 OCT 2023	UASI AD 2.24.3 - 2	11 JUN 2026
UAOO AD 2.24.14 - 1	23 FEB 2023	UACP AD 2.24.9-2 - 2	05 OCT 2023	UASI AD 2.24.6 - 1	11 JUN 2026
UAOO AD 2.24.14 - 2	15 JUL 2021	UACP AD 2.24.10 - 1	05 OCT 2023	UASI AD 2.24.6 - 2	11 JUN 2026
AD-2-UASP - 1	03 SEP 2026	UACP AD 2.24.10 - 2	30 MAR 2017	UASI AD 2.24.7-1 - 1	06 AUG 2026
AD-2-UASP - 2	03 SEP 2026	UACP AD 2.24.11-1 - 1	14 MAY 2026	UASI AD 2.24.7-1 - 2	11 JUN 2026
AD-2-UASP - 3	29 OCT 2026	UACP AD 2.24.11-1 - 2	05 OCT 2023	UASI AD 2.24.7-2 - 1	06 AUG 2026
AD-2-UASP - 4	29 OCT 2026	UACP AD 2.24.11-2 - 1	14 MAY 2026	UASI AD 2.24.7-2 - 2	11 JUN 2026
AD-2-UASP - 5	29 OCT 2026	UACP AD 2.24.11-2 - 2	05 OCT 2023	UASI AD 2.24.7-3 - 1	06 AUG 2026
AD-2-UASP - 6	29 OCT 2026	UACP AD 2.24.11-3 - 1	14 MAY 2026	UASI AD 2.24.7-3 - 2	11 JUN 2026
AD-2-UASP - 7	29 OCT 2026	UACP AD 2.24.11-3 - 2	02 NOV 2023	UASI AD 2.24.7-4 - 1	06 AUG 2026
AD-2-UASP - 8	29 OCT 2026	UACP AD 2.24.11-4 - 1	14 MAY 2026	UASI AD 2.24.7-4 - 2	11 JUN 2026
AD-2-UASP - 9	29 OCT 2026	UACP AD 2.24.11-4 - 2	05 OCT 2023	UASI AD 2.24.9-1 - 1	11 JUN 2026
AD-2-UASP - 10	29 OCT 2026	UACP AD 2.24.11-5 - 1	14 MAY 2026	UASI AD 2.24.9-1 - 2	11 JUN 2026
AD-2-UASP - 11	29 OCT 2026	UACP AD 2.24.11-5 - 2	16 MAY 2024	UASI AD 2.24.9-2 - 1	03 SEP 2026
AD-2-UASP - 12	29 OCT 2026	UACP AD 2.24.11-6 - 1	14 MAY 2026	UASI AD 2.24.9-2 - 2	11 JUN 2026
UASP AD 2.24.1 - 1	29 OCT 2026	UACP AD 2.24.11-6 - 2	16 MAY 2024	UASI AD 2.24.9-3 - 1	11 JUN 2026
UASP AD 2.24.1 - 2	30 MAR 2017	UACP AD 2.24.12 - 1	25 JAN 2024	UASI AD 2.24.9-3 - 2	06 AUG 2026
UASP AD 2.24.3 - 1	29 OCT 2026	UACP AD 2.24.12 - 2	30 MAR 2017	UASI AD 2.24.9-4 - 1	11 JUN 2026
UASP AD 2.24.3 - 2	01 OCT 2026	UACP AD 2.24.14 - 1	23 FEB 2023	UASI AD 2.24.9-4 - 2	06 AUG 2026
UASP AD 2.24.4 - 1	31 JAN 2019	UACP AD 2.24.14 - 2	15 JUL 2021	UASI AD 2.24.11-1 - 1	11 JUN 2026
UASP AD 2.24.4 - 2	30 MAR 2017	AD-2-UASS - 1	14 MAY 2026	UASI AD 2.24.11-1 - 2	11 JUN 2026
UASP AD 2.24.7-1 - 1	05 OCT 2023	AD-2-UASS - 2	22 JAN 2026	UASI AD 2.24.11-2 - 1	11 JUN 2026
UASP AD 2.24.7-1 - 2	25 FEB 2021	AD-2-UASS - 3	22 JAN 2026	UASI AD 2.24.11-2 - 2	11 JUN 2026
UASP AD 2.24.7-2 - 1	05 OCT 2023	AD-2-UASS - 4	27 NOV 2025	UASI AD 2.24.11-3 - 1	11 JUN 2026
UASP AD 2.24.7-2 - 2	25 FEB 2021	AD-2-UASS - 5	27 NOV 2025	UASI AD 2.24.11-3 - 2	06 AUG 2026
UASP AD 2.24.9-1 - 1	05 OCT 2023	AD-2-UASS - 6	16 APR 2026	UASI AD 2.24.11-4 - 1	11 JUN 2026
UASP AD 2.24.9-1 - 2	25 FEB 2021	AD-2-UASS - 7	16 APR 2026	UASI AD 2.24.11-4 - 2	06 AUG 2026
UASP AD 2.24.9-2 - 1	05 OCT 2023	AD-2-UASS - 8	16 APR 2026	UASI AD 2.24.12 - 1	11 JUN 2026
UASP AD 2.24.9-2 - 2	25 FEB 2021	AD-2-UASS - 9	16 APR 2026	UASI AD 2.24.12 - 2	11 JUN 2026

Page	Date	Page	Date	Page	Date
AD-2-UAII - 1	14 MAY 2026	UAII AD 2.24.14 - 2	15 JUL 2021	UADD AD 2.24.9-1 - 1	05 SEP 2024
AD-2-UAII - 2	01 OCT 2026	AD-2-UAAT - 1	06 AUG 2026	UADD AD 2.24.9-1 - 2	11 AUG 2022
AD-2-UAII - 3	09 JUL 2026	AD-2-UAAT - 2	11 JUN 2026	UADD AD 2.24.9-2 - 1	05 SEP 2024
AD-2-UAII - 4	16 APR 2026	AD-2-UAAT - 3	08 AUG 2024	UADD AD 2.24.9-2 - 2	11 AUG 2022
AD-2-UAII - 5	16 APR 2026	AD-2-UAAT - 4	27 NOV 2025	UADD AD 2.24.10 - 1	03 SEP 2026
AD-2-UAII - 6	14 MAY 2026	AD-2-UAAT - 5	06 AUG 2026	UADD AD 2.24.10 - 2	30 MAR 2017
AD-2-UAII - 7	16 APR 2026	AD-2-UAAT - 6	06 AUG 2026	UADD AD 2.24.11-1 - 1	14 MAY 2026
AD-2-UAII - 8	16 APR 2026	AD-2-UAAT - 7	06 AUG 2026	UADD AD 2.24.11-1 - 2	07 NOV 2019
AD-2-UAII - 9	01 OCT 2026	AD-2-UAAT - 8	06 AUG 2026	UADD AD 2.24.11-2 - 1	14 MAY 2026
AD-2-UAII - 10	14 MAY 2026	AD-2-UAAT - 9	29 OCT 2026	UADD AD 2.24.11-2 - 2	23 FEB 2023
AD-2-UAII - 11	14 MAY 2026	AD-2-UAAT - 10	06 AUG 2026	UADD AD 2.24.11-3 - 1	05 SEP 2024
AD-2-UAII - 12	14 MAY 2026	UAAT AD 2.24.1 - 1	10 AUG 2023	UADD AD 2.24.11-3 - 2	11 AUG 2022
AD-2-UAII - 13	14 MAY 2026	UAAT AD 2.24.1 - 2	30 MAR 2017	UADD AD 2.24.11-4 - 1	05 SEP 2024
AD-2-UAII - 14	14 MAY 2026	UAAT AD 2.24.3 - 1	03 SEP 2026	UADD AD 2.24.11-4 - 2	11 AUG 2022
UAII AD 2.24.1 - 1	14 MAY 2026	UAAT AD 2.24.3 - 2	30 MAR 2017	UADD AD 2.24.12 - 1	15 MAY 2025
UAII AD 2.24.1 - 2	30 MAR 2017	UAAT AD 2.24.4 - 1	29 OCT 2026	UADD AD 2.24.12 - 2	30 MAR 2017
UAII AD 2.24.3 - 1	14 MAY 2026	UAAT AD 2.24.4 - 2	29 OCT 2026	UADD AD 2.24.14 - 1	23 FEB 2023
UAII AD 2.24.3 - 2	15 MAY 2025	UAAT AD 2.24.6 - 1	01 OCT 2026	UADD AD 2.24.14 - 2	15 JUL 2021
UAII AD 2.24.4 - 1	30 OCT 2025	UAAT AD 2.24.6 - 2	30 MAR 2017	AD-2-UATZ - 1	01 OCT 2026
UAII AD 2.24.4 - 2	30 MAR 2017	UAAT AD 2.24.7-1 - 1	10 AUG 2023	AD-2-UATZ - 2	23 JAN 2025
UAII AD 2.24.6 - 1	03 SEP 2026	UAAT AD 2.24.7-1 - 2	26 JAN 2023	AD-2-UATZ - 3	30 OCT 2025
UAII AD 2.24.6 - 2	30 MAR 2017	UAAT AD 2.24.7-2 - 1	10 AUG 2023	AD-2-UATZ - 4	15 MAY 2025
UAII AD 2.24.7-1 - 1	05 SEP 2024	UAAT AD 2.24.7-2 - 2	26 JAN 2023	AD-2-UATZ - 5	15 MAY 2025
UAII AD 2.24.7-1 - 2	07 NOV 2019	UAAT AD 2.24.9-1 - 1	10 AUG 2023	AD-2-UATZ - 6	15 MAY 2025
UAII AD 2.24.7-2 - 1	05 SEP 2024	UAAT AD 2.24.9-1 - 2	26 JAN 2023	AD-2-UATZ - 7	03 SEP 2026
UAII AD 2.24.7-2 - 2	07 NOV 2019	UAAT AD 2.24.9-2 - 1	10 AUG 2023	AD-2-UATZ - 8	03 SEP 2026
UAII AD 2.24.7-3 - 1	01 OCT 2026	UAAT AD 2.24.9-2 - 2	26 JAN 2023	AD-2-UATZ - 9	03 SEP 2026
UAII AD 2.24.7-3 - 2	01 OCT 2026	UAAT AD 2.24.10 - 1	01 OCT 2026	AD-2-UATZ - 10	03 SEP 2026
UAII AD 2.24.7-4 - 1	19 MAR 2026	UAAT AD 2.24.10 - 2	30 MAR 2017	AD-2-UATZ - 11	03 SEP 2026
UAII AD 2.24.7-4 - 2	27 NOV 2025	UAAT AD 2.24.11-1 - 1	10 AUG 2023	AD-2-UATZ - 12	03 SEP 2026
UAII AD 2.24.7-5 - 1	19 MAR 2026	UAAT AD 2.24.11-1 - 2	10 AUG 2023	UATZ AD 2.24.1 - 1	01 OCT 2026
UAII AD 2.24.7-5 - 2	27 NOV 2025	UAAT AD 2.24.11-2 - 1	10 AUG 2023	UATZ AD 2.24.1 - 2	02 DEC 2021
UAII AD 2.24.7-6 - 1	19 MAR 2026	UAAT AD 2.24.11-2 - 2	10 AUG 2023	UATZ AD 2.24.3 - 1	26 JAN 2023
UAII AD 2.24.7-6 - 2	22 JAN 2026	UAAT AD 2.24.11-3 - 1	10 AUG 2023	UATZ AD 2.24.3 - 2	24 FEB 2022
UAII AD 2.24.9-1 - 1	05 SEP 2024	UAAT AD 2.24.11-3 - 2	10 AUG 2023	UATZ AD 2.24.7-1 - 1	24 FEB 2022
UAII AD 2.24.9-1 - 2	07 NOV 2019	UAAT AD 2.24.11-4 - 1	10 AUG 2023	UATZ AD 2.24.7-1 - 2	24 FEB 2022
UAII AD 2.24.9-2 - 1	05 SEP 2024	UAAT AD 2.24.11-4 - 2	10 AUG 2023	UATZ AD 2.24.7-2 - 1	24 FEB 2022
UAII AD 2.24.9-2 - 2	07 NOV 2019	UAAT AD 2.24.12 - 1	10 AUG 2023	UATZ AD 2.24.7-2 - 2	24 FEB 2022
UAII AD 2.24.9-3 - 1	19 MAR 2026	UAAT AD 2.24.12 - 2	30 MAR 2017	UATZ AD 2.24.7-3 - 1	26 JAN 2023
UAII AD 2.24.9-3 - 2	03 SEP 2026	UAAT AD 2.24.14 - 1	23 FEB 2023	UATZ AD 2.24.7-3 - 2	26 JAN 2023
UAII AD 2.24.9-4 - 1	19 MAR 2026	UAAT AD 2.24.14 - 2	01 DEC 2022	UATZ AD 2.24.7-4 - 1	26 JAN 2023
UAII AD 2.24.9-4 - 2	03 SEP 2026	AD-2-UADD - 1	03 SEP 2026	UATZ AD 2.24.7-4 - 2	26 JAN 2023
UAII AD 2.24.9-5 - 1	19 MAR 2026	AD-2-UADD - 2	22 JAN 2026	UATZ AD 2.24.9-1 - 1	24 FEB 2022
UAII AD 2.24.9-5 - 2	03 SEP 2026	AD-2-UADD - 3	06 AUG 2026	UATZ AD 2.24.9-1 - 2	24 FEB 2022
UAII AD 2.24.9-6 - 1	19 MAR 2026	AD-2-UADD - 4	01 OCT 2026	UATZ AD 2.24.9-2 - 1	24 FEB 2022
UAII AD 2.24.9-6 - 2	03 SEP 2026	AD-2-UADD - 5	06 AUG 2026	UATZ AD 2.24.9-2 - 2	24 FEB 2022
UAII AD 2.24.9-7 - 1	19 MAR 2026	AD-2-UADD - 6	16 APR 2026	UATZ AD 2.24.9-5 - 1	26 JAN 2023
UAII AD 2.24.9-7 - 2	22 JAN 2026	AD-2-UADD - 7	29 OCT 2026	UATZ AD 2.24.9-5 - 2	26 JAN 2023
UAII AD 2.24.9-8 - 1	19 MAR 2026	AD-2-UADD - 8	01 OCT 2026	UATZ AD 2.24.9-6 - 1	26 JAN 2023
UAII AD 2.24.9-8 - 2	22 JAN 2026	AD-2-UADD - 9	01 OCT 2026	UATZ AD 2.24.9-6 - 2	26 JAN 2023
UAII AD 2.24.10 - 1	03 SEP 2026	AD-2-UADD - 10	01 OCT 2026	UATZ AD 2.24.11-1 - 1	24 FEB 2022
UAII AD 2.24.10 - 2	30 MAR 2017	AD-2-UADD - 11	01 OCT 2026	UATZ AD 2.24.11-1 - 2	24 FEB 2022
UAII AD 2.24.11-1 - 1	27 NOV 2025	AD-2-UADD - 12	01 OCT 2026	UATZ AD 2.24.11-2 - 1	24 FEB 2022
UAII AD 2.24.11-1 - 2	27 NOV 2025	UADD AD 2.24.1 - 1	06 AUG 2026	UATZ AD 2.24.11-2 - 2	24 FEB 2022
UAII AD 2.24.11-2 - 1	27 NOV 2025	UADD AD 2.24.1 - 2	30 MAR 2017	UATZ AD 2.24.11-5 - 1	26 JAN 2023
UAII AD 2.24.11-2 - 2	27 NOV 2025	UADD AD 2.24.3 - 1	06 AUG 2026	UATZ AD 2.24.11-5 - 2	26 JAN 2023
UAII AD 2.24.11-3 - 1	04 SEP 2025	UADD AD 2.24.3 - 2	06 AUG 2026	UATZ AD 2.24.11-6 - 1	26 JAN 2023
UAII AD 2.24.11-3 - 2	05 OCT 2023	UADD AD 2.24.4 - 1	16 APR 2026	UATZ AD 2.24.11-6 - 2	26 JAN 2023
UAII AD 2.24.11-4 - 1	15 MAY 2025	UADD AD 2.24.4 - 2	30 MAR 2017	UATZ AD 2.24.12 - 1	01 OCT 2026
UAII AD 2.24.11-4 - 2	16 MAY 2024	UADD AD 2.24.5 - 1	19 MAR 2026	UATZ AD 2.24.12 - 2	10 AUG 2023
UAII AD 2.24.11-5 - 1	27 NOV 2025	UADD AD 2.24.5 - 2	19 MAR 2026	AD-2-UAIT - 1	14 MAY 2026
UAII AD 2.24.11-5 - 2	27 NOV 2025	UADD AD 2.24.6 - 1	03 SEP 2026	AD-2-UAIT - 2	14 MAY 2026
UAII AD 2.24.11-6 - 1	27 NOV 2025	UADD AD 2.24.6 - 2	30 MAR 2017	AD-2-UAIT - 3	14 MAY 2026
UAII AD 2.24.11-6 - 2	27 NOV 2025	UADD AD 2.24.7-1 - 1	05 SEP 2024	AD-2-UAIT - 4	14 MAY 2026
UAII AD 2.24.11-7 - 1	19 MAR 2026	UADD AD 2.24.7-1 - 2	11 AUG 2022	AD-2-UAIT - 5	14 MAY 2026
UAII AD 2.24.11-7 - 2	27 NOV 2025	UADD AD 2.24.7-2 - 1	05 SEP 2024	AD-2-UAIT - 6	22 JAN 2026
UAII AD 2.24.11-8 - 1	19 MAR 2026	UADD AD 2.24.7-2 - 2	25 FEB 2021	AD-2-UAIT - 7	22 JAN 2026
UAII AD 2.24.11-8 - 2	27 NOV 2025	UADD AD 2.24.7-3 - 1	05 SEP 2024	AD-2-UAIT - 8	22 JAN 2026
UAII AD 2.24.12 - 1	31 OCT 2024	UADD AD 2.24.7-3 - 2	11 AUG 2022	AD-2-UAIT - 9	22 JAN 2026
UAII AD 2.24.12 - 2	30 MAR 2017	UADD AD 2.24.7-4 - 1	05 SEP 2024	AD-2-UAIT - 10	22 JAN 2026
UAII AD 2.24.14 - 1	23 FEB 2023	UADD AD 2.24.7-4 - 2	25 FEB 2021	AD-2-UAIT - 11	22 JAN 2026

Page	Date	Page	Date	Page	Date
AD-2-UAIT - 12	15 MAY 2025	UARR AD 2.24.10 - 1	11 JUL 2024	UAAL AD 2.24.7-4 - 2	16 MAY 2024
UAIT AD 2.24.1 - 1	14 MAY 2026	UARR AD 2.24.10 - 2	30 MAR 2017	UAAL AD 2.24.9-1 - 1	23 FEB 2023
UAIT AD 2.24.1 - 2	10 SEP 2020	UARR AD 2.24.11-1 - 1	14 MAY 2026	UAAL AD 2.24.9-1 - 2	09 NOV 2017
UAIT AD 2.24.3 - 1	04 NOV 2021	UARR AD 2.24.11-1 - 2	07 NOV 2019	UAAL AD 2.24.9-2 - 1	23 FEB 2023
UAIT AD 2.24.3 - 2	25 FEB 2021	UARR AD 2.24.11-2 - 1	14 MAY 2026	UAAL AD 2.24.9-2 - 2	09 NOV 2017
UAIT AD 2.24.4 - 1	14 MAY 2026	UARR AD 2.24.11-2 - 2	07 NOV 2019	UAAL AD 2.24.9-3 - 1	16 MAY 2024
UAIT AD 2.24.4 - 2	25 FEB 2021	UARR AD 2.24.11-3 - 1	14 MAY 2026	UAAL AD 2.24.9-3 - 2	11 JUL 2024
UAIT AD 2.24.6 - 1	03 SEP 2026	UARR AD 2.24.11-3 - 2	07 NOV 2019	UAAL AD 2.24.9-4 - 1	16 MAY 2024
UAIT AD 2.24.6 - 2	10 SEP 2020	UARR AD 2.24.11-4 - 1	14 MAY 2026	UAAL AD 2.24.9-4 - 2	11 JUL 2024
UAIT AD 2.24.7-1 - 1	11 JUL 2024	UARR AD 2.24.11-4 - 2	07 NOV 2019	UAAL AD 2.24.11-1 - 1	12 JUN 2025
UAIT AD 2.24.7-1 - 2	03 DEC 2020	UARR AD 2.24.11-5 - 1	14 MAY 2026	UAAL AD 2.24.11-1 - 2	23 FEB 2023
UAIT AD 2.24.7-2 - 1	11 JUL 2024	UARR AD 2.24.11-5 - 2	04 NOV 2021	UAAL AD 2.24.11-2 - 1	12 JUN 2025
UAIT AD 2.24.7-2 - 2	03 DEC 2020	UARR AD 2.24.12 - 1	11 JUL 2024	UAAL AD 2.24.11-2 - 2	23 FEB 2023
UAIT AD 2.24.9-1 - 1	11 JUL 2024	UARR AD 2.24.12 - 2	30 MAR 2017	UAAL AD 2.24.11-3 - 1	12 JUN 2025
UAIT AD 2.24.9-1 - 2	10 SEP 2020	UARR AD 2.24.14 - 1	20 APR 2023	UAAL AD 2.24.11-3 - 2	23 FEB 2023
UAIT AD 2.24.9-2 - 1	11 JUL 2024	UARR AD 2.24.14 - 2	15 JUL 2021	UAAL AD 2.24.11-4 - 1	12 JUN 2025
UAIT AD 2.24.9-2 - 2	10 SEP 2020	AD-2-UASU - 1	14 MAY 2026	UAAL AD 2.24.11-4 - 2	23 FEB 2023
UAIT AD 2.24.10 - 1	03 SEP 2026	AD-2-UASU - 2	01 OCT 2026	UAAL AD 2.24.11-5 - 1	14 MAY 2026
UAIT AD 2.24.10 - 2	10 SEP 2020	AD-2-UASU - 3	16 MAY 2024	UAAL AD 2.24.11-5 - 2	11 JUL 2024
UAIT AD 2.24.11-1 - 1	06 AUG 2026	AD-2-UASU - 4	27 NOV 2025	UAAL AD 2.24.11-6 - 1	14 MAY 2026
UAIT AD 2.24.11-1 - 2	27 NOV 2025	AD-2-UASU - 5	14 MAY 2026	UAAL AD 2.24.11-6 - 2	11 JUL 2024
UAIT AD 2.24.11-2 - 1	30 OCT 2025	AD-2-UASU - 6	16 MAY 2024	UAAL AD 2.24.12 - 1	23 FEB 2023
UAIT AD 2.24.11-2 - 2	04 SEP 2025	AD-2-UASU - 7	14 MAY 2026	UAAL AD 2.24.12 - 2	09 NOV 2017
UAIT AD 2.24.11-3 - 1	14 MAY 2026	AD-2-UASU - 8	16 MAY 2024	UAAL AD 2.24.14 - 1	15 JUN 2023
UAIT AD 2.24.11-3 - 2	04 SEP 2025	UASU AD 2.24.1 - 1	01 OCT 2026	UAAL AD 2.24.14 - 2	01 DEC 2022
UAIT AD 2.24.11-4 - 1	27 NOV 2025	UASU AD 2.24.1 - 2	01 FEB 2018	AD-2-UASK - 1	16 APR 2026
UAIT AD 2.24.11-4 - 2	27 NOV 2025	UASU AD 2.24.3 - 1	01 OCT 2026	AD-2-UASK - 2	06 OCT 2022
UAIT AD 2.24.11-5 - 1	14 MAY 2026	UASU AD 2.24.3 - 2	15 JUN 2023	AD-2-UASK - 3	08 AUG 2024
UAIT AD 2.24.11-5 - 2	27 NOV 2025	UASU AD 2.24.6 - 1	30 OCT 2025	AD-2-UASK - 4	15 MAY 2025
UAIT AD 2.24.11-6 - 1	04 SEP 2025	UASU AD 2.24.6 - 2	11 AUG 2022	AD-2-UASK - 5	16 APR 2026
UAIT AD 2.24.11-6 - 2	04 SEP 2025	UASU AD 2.24.7-1 - 1	15 JUN 2023	AD-2-UASK - 6	16 APR 2026
UAIT AD 2.24.11-7 - 1	14 MAY 2026	UASU AD 2.24.7-1 - 2	01 FEB 2018	AD-2-UASK - 7	16 APR 2026
UAIT AD 2.24.11-7 - 2	04 SEP 2025	UASU AD 2.24.7-2 - 1	15 JUN 2023	AD-2-UASK - 8	16 APR 2026
UAIT AD 2.24.11-8 - 1	04 SEP 2025	UASU AD 2.24.7-2 - 2	01 FEB 2018	AD-2-UASK - 9	16 APR 2026
UAIT AD 2.24.11-8 - 2	04 SEP 2025	UASU AD 2.24.7-3 - 1	27 NOV 2025	AD-2-UASK - 10	16 APR 2026
UAIT AD 2.24.11-9 - 1	01 OCT 2026	UASU AD 2.24.7-3 - 2	27 NOV 2025	AD-2-UASK - 11	16 APR 2026
UAIT AD 2.24.11-9 - 2	01 OCT 2026	UASU AD 2.24.7-4 - 1	11 JUN 2026	AD-2-UASK - 12	04 SEP 2025
UAIT AD 2.24.11-10 - 1	01 OCT 2026	UASU AD 2.24.7-4 - 2	11 JUN 2026	AD-2-UASK - 13	04 SEP 2025
UAIT AD 2.24.11-10 - 2	01 OCT 2026	UASU AD 2.24.9-1 - 1	15 JUN 2023	AD-2-UASK - 14	04 SEP 2025
UAIT AD 2.24.11-11 - 1	01 OCT 2026	UASU AD 2.24.9-1 - 2	01 FEB 2018	UASK AD 2.24.1 - 1	29 OCT 2026
UAIT AD 2.24.11-11 - 2	01 OCT 2026	UASU AD 2.24.9-3 - 1	27 NOV 2025	UASK AD 2.24.1 - 2	30 MAR 2017
UAIT AD 2.24.11-12 - 1	01 OCT 2026	UASU AD 2.24.9-3 - 2	27 NOV 2025	UASK AD 2.24.3 - 1	05 SEP 2024
UAIT AD 2.24.11-12 - 2	01 OCT 2026	UASU AD 2.24.11-1 - 1	14 MAY 2026	UASK AD 2.24.3 - 2	01 DEC 2022
UAIT AD 2.24.12 - 1	11 JUL 2024	UASU AD 2.24.11-1 - 2	15 JUN 2023	UASK AD 2.24.4 - 1	24 FEB 2022
UAIT AD 2.24.12 - 2	10 SEP 2020	UASU AD 2.24.11-2 - 1	14 MAY 2026	UASK AD 2.24.4 - 2	30 MAR 2017
UAIT AD 2.24.14 - 1	23 FEB 2023	UASU AD 2.24.11-2 - 2	27 NOV 2025	UASK AD 2.24.6 - 1	01 OCT 2026
UAIT AD 2.24.14 - 2	15 JUL 2021	UASU AD 2.24.12 - 1	15 JUN 2023	UASK AD 2.24.6 - 2	11 AUG 2022
AD-2-UARR - 1	19 MAR 2026	UASU AD 2.24.12 - 2	01 FEB 2018	UASK AD 2.24.7-1 - 1	03 SEP 2026
AD-2-UARR - 2	11 JUN 2026	UASU AD 2.24.14 - 1	23 FEB 2023	UASK AD 2.24.7-1 - 2	03 SEP 2026
AD-2-UARR - 3	19 MAR 2026	UASU AD 2.24.14 - 2	11 AUG 2022	UASK AD 2.24.7-2 - 1	03 SEP 2026
AD-2-UARR - 4	19 MAR 2026	AD-2-UAAL - 1	23 FEB 2023	UASK AD 2.24.7-2 - 2	01 OCT 2026
AD-2-UARR - 5	19 MAR 2026	AD-2-UAAL - 2	11 JUN 2026	UASK AD 2.24.7-3 - 1	31 OCT 2024
AD-2-UARR - 6	19 MAR 2026	AD-2-UAAL - 3	11 JUN 2026	UASK AD 2.24.7-3 - 2	11 AUG 2022
AD-2-UARR - 7	19 MAR 2026	AD-2-UAAL - 4	27 NOV 2025	UASK AD 2.24.7-4 - 1	31 OCT 2024
AD-2-UARR - 8	19 MAR 2026	AD-2-UAAL - 5	27 NOV 2025	UASK AD 2.24.7-4 - 2	11 AUG 2022
AD-2-UARR - 9	19 MAR 2026	AD-2-UAAL - 6	22 JAN 2026	UASK AD 2.24.7-5 - 1	31 OCT 2024
AD-2-UARR - 10	19 MAR 2026	AD-2-UAAL - 7	27 NOV 2025	UASK AD 2.24.7-5 - 2	16 MAY 2024
UARR AD 2.24.1 - 1	25 JAN 2024	AD-2-UAAL - 8	08 AUG 2024	UASK AD 2.24.7-6 - 1	31 OCT 2024
UARR AD 2.24.1 - 2	30 MAR 2017	UAAL AD 2.24.1 - 1	05 OCT 2023	UASK AD 2.24.7-6 - 2	11 JUL 2024
UARR AD 2.24.3 - 1	11 JUN 2026	UAAL AD 2.24.1 - 2	09 NOV 2017	UASK AD 2.24.7-7 - 1	31 OCT 2024
UARR AD 2.24.3 - 2	11 JUN 2026	UAAL AD 2.24.3 - 1	05 OCT 2023	UASK AD 2.24.7-7 - 2	11 JUL 2024
UARR AD 2.24.4 - 1	31 OCT 2024	UAAL AD 2.24.3 - 2	23 FEB 2023	UASK AD 2.24.7-8 - 1	31 OCT 2024
UARR AD 2.24.4 - 2	30 MAR 2017	UAAL AD 2.24.6 - 1	10 AUG 2023	UASK AD 2.24.7-8 - 2	08 AUG 2024
UARR AD 2.24.7-1 - 1	11 JUL 2024	UAAL AD 2.24.6 - 2	01 DEC 2022	UASK AD 2.24.9-2 - 1	03 SEP 2026
UARR AD 2.24.7-1 - 2	07 NOV 2019	UAAL AD 2.24.7-1 - 1	23 FEB 2023	UASK AD 2.24.9-2 - 2	03 SEP 2026
UARR AD 2.24.7-2 - 1	11 JUL 2024	UAAL AD 2.24.7-1 - 2	09 NOV 2017	UASK AD 2.24.9-3 - 1	03 SEP 2026
UARR AD 2.24.7-2 - 2	07 NOV 2019	UAAL AD 2.24.7-2 - 1	23 FEB 2023	UASK AD 2.24.9-3 - 2	03 SEP 2026
UARR AD 2.24.9-1 - 1	11 JUL 2024	UAAL AD 2.24.7-2 - 2	09 NOV 2017	UASK AD 2.24.9-4 - 1	31 OCT 2024
UARR AD 2.24.9-1 - 2	07 NOV 2019	UAAL AD 2.24.7-3 - 1	05 SEP 2024	UASK AD 2.24.9-4 - 2	03 SEP 2026
UARR AD 2.24.9-2 - 1	11 JUL 2024	UAAL AD 2.24.7-3 - 2	16 MAY 2024	UASK AD 2.24.9-5 - 1	23 JAN 2025
UARR AD 2.24.9-2 - 2	07 NOV 2019	UAAL AD 2.24.7-4 - 1	05 SEP 2024	UASK AD 2.24.9-5 - 2	03 SEP 2026

Page	Date	Page	Date	Page	Date
UASK AD 2.24.9-6 - 1	31 OCT 2024	AD-2-UAKD - 12	15 MAY 2025		
UASK AD 2.24.9-6 - 2	03 SEP 2026	UAKD AD 2.24.1 - 1	22 JAN 2026		
UASK AD 2.24.9-7 - 1	31 OCT 2024	UAKD AD 2.24.1 - 2	30 MAR 2017		
UASK AD 2.24.9-7 - 2	03 SEP 2026	UAKD AD 2.24.3 - 1	27 NOV 2025		
UASK AD 2.24.9-8 - 1	31 OCT 2024	UAKD AD 2.24.3 - 2	25 FEB 2021		
UASK AD 2.24.9-8 - 2	11 JUL 2024	UAKD AD 2.24.4 - 1	27 NOV 2025		
UASK AD 2.24.9-9 - 1	31 OCT 2024	UAKD AD 2.24.4 - 2	20 MAR 2025		
UASK AD 2.24.9-9 - 2	11 JUL 2024	UAKD AD 2.24.7-1 - 1	22 JAN 2026		
UASK AD 2.24.9-10 - 1	31 OCT 2024	UAKD AD 2.24.7-1 - 2	27 NOV 2025		
UASK AD 2.24.9-10 - 2	11 JUL 2024	UAKD AD 2.24.7-2 - 1	27 NOV 2025		
UASK AD 2.24.9-11 - 1	31 OCT 2024	UAKD AD 2.24.7-2 - 2	27 NOV 2025		
UASK AD 2.24.9-11 - 2	11 JUL 2024	UAKD AD 2.24.7-3 - 1	22 JAN 2026		
UASK AD 2.24.10 - 1	03 SEP 2026	UAKD AD 2.24.7-3 - 2	22 JAN 2026		
UASK AD 2.24.10 - 2	30 MAR 2017	UAKD AD 2.24.7-4 - 1	22 JAN 2026		
UASK AD 2.24.11-1 - 1	14 MAY 2026	UAKD AD 2.24.7-4 - 2	22 JAN 2026		
UASK AD 2.24.11-1 - 2	02 DEC 2021	UAKD AD 2.24.9-1 - 1	27 NOV 2025		
UASK AD 2.24.11-2 - 1	14 MAY 2026	UAKD AD 2.24.9-1 - 2	27 NOV 2025		
UASK AD 2.24.11-2 - 2	31 OCT 2024	UAKD AD 2.24.9-2 - 1	27 NOV 2025		
UASK AD 2.24.11-3 - 1	14 MAY 2026	UAKD AD 2.24.9-2 - 2	27 NOV 2025		
UASK AD 2.24.11-3 - 2	04 SEP 2025	UAKD AD 2.24.9-3 - 1	22 JAN 2026		
UASK AD 2.24.11-4 - 1	14 MAY 2026	UAKD AD 2.24.9-3 - 2	06 AUG 2026		
UASK AD 2.24.11-4 - 2	04 SEP 2025	UAKD AD 2.24.9-4 - 1	22 JAN 2026		
UASK AD 2.24.11-5 - 1	04 SEP 2025	UAKD AD 2.24.9-4 - 2	06 AUG 2026		
UASK AD 2.24.11-5 - 2	04 SEP 2025	UAKD AD 2.24.9-5 - 1	22 JAN 2026		
UASK AD 2.24.11-6 - 1	30 OCT 2025	UAKD AD 2.24.9-5 - 2	06 AUG 2026		
UASK AD 2.24.11-6 - 2	04 SEP 2025	UAKD AD 2.24.10 - 1	27 NOV 2025		
UASK AD 2.24.11-7 - 1	14 MAY 2026	UAKD AD 2.24.10 - 2	30 MAR 2017		
UASK AD 2.24.11-7 - 2	04 SEP 2025	UAKD AD 2.24.11-1 - 1	22 JAN 2026		
UASK AD 2.24.11-8 - 1	14 MAY 2026	UAKD AD 2.24.11-1 - 2	31 OCT 2024		
UASK AD 2.24.11-8 - 2	04 SEP 2025	UAKD AD 2.24.11-2 - 1	22 JAN 2026		
UASK AD 2.24.12 - 1	23 JAN 2025	UAKD AD 2.24.11-2 - 2	25 FEB 2021		
UASK AD 2.24.12 - 2	30 MAR 2017	UAKD AD 2.24.11-3 - 1	22 JAN 2026		
UASK AD 2.24.14 - 1	03 SEP 2026	UAKD AD 2.24.11-3 - 2	25 FEB 2021		
UASK AD 2.24.14 - 2	11 AUG 2022	UAKD AD 2.24.11-4 - 1	27 NOV 2025		
AD-2-UASZ - 1	05 OCT 2023	UAKD AD 2.24.11-4 - 2	25 FEB 2021		
AD-2-UASZ - 2	05 SEP 2024	UAKD AD 2.24.11-5 - 1	27 NOV 2025		
AD-2-UASZ - 3	05 SEP 2024	UAKD AD 2.24.11-5 - 2	25 FEB 2021		
AD-2-UASZ - 4	05 SEP 2024	UAKD AD 2.24.11-6 - 1	22 JAN 2026		
AD-2-UASZ - 5	05 SEP 2024	UAKD AD 2.24.11-6 - 2	06 AUG 2026		
AD-2-UASZ - 6	23 JAN 2025	UAKD AD 2.24.11-7 - 1	22 JAN 2026		
AD-2-UASZ - 7	04 SEP 2025	UAKD AD 2.24.11-7 - 2	06 AUG 2026		
AD-2-UASZ - 8	16 MAY 2024	UAKD AD 2.24.12 - 1	22 JAN 2026		
UASZ AD 2.24.1 - 1	05 SEP 2024	UAKD AD 2.24.12 - 2	30 MAR 2017		
UASZ AD 2.24.1 - 2	01 FEB 2018	UAKD AD 2.24.14 - 1	27 NOV 2025		
UASZ AD 2.24.3 - 1	05 SEP 2024	UAKD AD 2.24.14 - 2	15 JUL 2021		
UASZ AD 2.24.3 - 2	04 NOV 2021				
UASZ AD 2.24.6 - 1	11 AUG 2022				
UASZ AD 2.24.6 - 2	11 AUG 2022				
UASZ AD 2.24.7-1 - 1	11 AUG 2022				
UASZ AD 2.24.7-1 - 2	01 FEB 2018				
UASZ AD 2.24.7-2 - 1	11 AUG 2022				
UASZ AD 2.24.7-2 - 2	01 FEB 2018				
UASZ AD 2.24.9-1 - 1	11 AUG 2022				
UASZ AD 2.24.9-1 - 2	01 FEB 2018				
UASZ AD 2.24.11-1 - 1	14 MAY 2026				
UASZ AD 2.24.11-1 - 2	11 AUG 2022				
UASZ AD 2.24.12 - 1	11 AUG 2022				
UASZ AD 2.24.12 - 2	01 FEB 2018				
UASZ AD 2.24.14 - 1	23 FEB 2023				
UASZ AD 2.24.14 - 2	11 AUG 2022				
AD-2-UAKD - 1	01 OCT 2026				
AD-2-UAKD - 2	01 OCT 2026				
AD-2-UAKD - 3	01 OCT 2026				
AD-2-UAKD - 4	01 OCT 2026				
AD-2-UAKD - 5	01 OCT 2026				
AD-2-UAKD - 6	01 OCT 2026				
AD-2-UAKD - 7	01 OCT 2026				
AD-2-UAKD - 8	01 OCT 2026				
AD-2-UAKD - 9	01 OCT 2026				
AD-2-UAKD - 10	01 OCT 2026				
AD-2-UAKD - 11	01 OCT 2026				

THIS PAGE INTENTIONALLY LEFT BLANK

GEN 1 NATIONAL REGULATIONS AND REQUIREMENTS

GEN 1.1 DESIGNATED AUTHORITIES

1. CIVIL AVIATION

Civil Aviation Committee of the Ministry of Transport of the Republic of Kazakhstan

Transport-Tower bldg 32/1 Kabanbay batyr ave.
010000 Astana, Republic of Kazakhstan
Phone: +7 (7172) 572157
Email: caa@miid.gov.kz
Email: cac.lib@miid.gov.kz
AFS: UACDYAYD

"Aviation Administration of Kazakhstan" JSC Republic of Kazakhstan

Mangilik El avenue 55/15, Block C 2.3.
010000 Astana, Republic of Kazakhstan
URL: <http://caa.gov.kz>
AFS: UACEZXDD

2. METEOROLOGY

"Aviation Administration of Kazakhstan" JSC Republic of Kazakhstan

"Aviation Administration of Kazakhstan"
JSC Republic of Kazakhstan
Mangilik El avenue 55/15, Block C 2.3.
010000 Astana, Republic of Kazakhstan
Phone: +7 (7172) 798230
URL: <http://caa.gov.kz>
AFS: UACEZXDZ

Meteorological Service Provider RSE "Kazaeronavigatsia"
Building 15, E522 street, Esil district,
010014 Astana, Republic of Kazakhstan
Phone: +7 (7172) 704276
URL: <https://ans.kz>
AFS: UAAKDDXX

3. CUSTOMS

State revenue committee Ministry of finance of the Republic of Kazakhstan

11 Zhenis ave,
010000, Astana, Republic of Kazakhstan
Phone: +7 (7172) 718463
Phone: +7 (7172) 709883
Phone: +7 (7172) 702097
Email: kgd.kancelyarya@kgd.gov.kz

4. IMMIGRATION

Committee of migration service of the Ministry of Internal Affairs of the Republic of Kazakhstan

1/1 Tauelsizdik Avenue,
010000 Astana, Republic of Kazakhstan
Phone: +7 (7172) 722622

Phone: +7 (7172) 722550

5. HEALTH

The Medical Center of «Kazaeronavigatsia» RSE

38a Maylin str.,
050039 Almaty, Republic of Kazakhstan
Phone: +7 (727) 2573617
Phone: +7 (727) 2573204

6. EN-ROUTE AND AERODROME CHARGES

The Organization responsible for collection of Air Navigation Facilities Charges is:

Republican State Enterprise "Kazaeronavigatsia", Republic of Kazakhstan

Building 15, E522 street, Esil district,
010014 Astana, Republic of Kazakhstan
Phone: +7 (7172) 773404
Fax: +7 (7172) 773566
AFS: UAAKDDXX

Airport charges are collected directly by Airport Authorities as indicated in section [GEN-4.1](#).

7. AGRICULTURAL QUARANTINE

Ministry of Agriculture of the Republic of Kazakhstan

Mangilik El avenue 8, 3rd entrance,
010000 Astana, Republic of Kazakhstan
Phone: +7 (7172) 555763
Phone: +7 (7172) 555914
Email: office@minagri.gov.kz

8. AIRCRAFT ACCIDENTS INVESTIGATION

Department for the Investigation of Accidents and Incidents in Transport of the Ministry of Transport of the Republic of Kazakhstan

Transport-Tower bldg
32/1 Kabanbay batyr ave.
010000 Astana, Republic of Kazakhstan
Phone: +7 (7172) 983127
Email: n.malayev@transport.gov.kz
AFS: UACDYLYD

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Frequency/Purpose	Remarks
1	2	3	4	5
SHYMKENT TMA2 422220N 0692631E - 430202N 0694446E - 422001N 0705259E along border KAZAKHSTAN_KYRGYZSTAN - 421548N 0705642E along border KAZAKHSTAN_UZBEKISTAN - 414210N 0694430E - 415702N 0691225E - 420200N 0681200E - 422220N 0692631E, Excluding the CTR Shymkent FL 140 / GND Class of airspace: C	SHYMKENT TWR	SHYMKENT TOWER EN, RU H24	125,9 MHz Primary FREQ	129,0 MHz Secondary FREQ O/R or at ATC discretion 121.5 MHz Emergency FREQ
	SHYMKENT INFORMATI ON	SHYMKENT ATIS EN H24	119,2 MHz Primary FREQ	
		SHYMKENT ATIS RU H24	126,6 MHz Primary FREQ	
TALDYKORGAN TMA 443400N 0781634E then a clockwise arc radius 34.1 NM centered on 450721N 0782634E to 452242N 0790940E – 443400N 0781634E, Excluding the Taldykorgan CTR FL 140 / 6000 FT ALT Class of airspace: C	TALDYKORG AN TWR	TALDYKORGAN TOWER EN, RU See NOTAM	127,3 MHz Primary FREQ	129,0 MHz Secondary FREQ O/R or at ATC discretion 121.5 MHz Emergency FREQ
TARAZ TMA1 433055N 0705137E - 433248N 0711516E - 431806N 0720211E - 425757N 0715001E - 425214N 0711654E - 430054N 0701555E - 433055N 0705137E, Excluding the CTR Taraz FL 140 / 6000 FT ALT Class of airspace: C	TARAZ TWR	TARAZ TOWER EN, RU H24	122,1 MHz Primary FREQ	129,0 MHz Secondary FREQ O/R or at ATC discretion 121.5 MHz Emergency FREQ
	TARAZ INFORMATI ON	TARAZ ATIS EN H24	118,5 MHz Primary FREQ	
		TARAZ ATIS RU H24	127,4 MHz Primary FREQ	
TARAZ TMA2 430054N 0701555E - 425214N 0711654E - 425757N 0715001E - 423515N 0713630E - 423629N 0705032E - 423702N 0702540E - 425030N 0700344E - 430054N 0701555E, Excluding the CTR Taraz FL 140 / GND Class of airspace: C	TARAZ TWR	TARAZ TOWER EN, RU H24	122,1 MHz Primary FREQ	129,0 MHz Secondary FREQ O/R or at ATC discretion 121.5 MHz Emergency FREQ
	TARAZ INFORMATI ON	TARAZ ATIS EN H24	118,5 MHz Primary FREQ	
		TARAZ ATIS RU H24	127,4 MHz Primary FREQ	

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Frequency/Purpose	Remarks
1	2	3	4	5
TURKISTAN TMA1 440832N 0681511E - 440138N 0684518E - 433800N 0692440E - 432935N 0690140E then a clockwise arc radius 22 NM centered on 4319325N 0683446E - 433823N 0681903E - 435819N 0675447E - 440832N 0681511E FL 140 / 8000 FT ALT Class of airspace: C	TURKISTAN TWR	TURKISTAN TOWER EN, RU H24	131,3 MHZ Primary FREQ	129,0 MHZ Secondary FREQ O/R or at ATC discretion 121.5 MHZ Emergency FREQ
	TURKISTAN INFORMATI ON	TURKISTAN ATIS EN H24	124,4 MHZ Primary FREQ	
		TURKISTAN ATIS RU H24	118,3 MHZ Primary FREQ	
TURKISTAN TMA2 435819N 0675447E - 433823N 0681903E then a clockwise arc radius 22 NM centered on 431932N 0683446E - 432935N 0690140E - 433800N 0692440E - 432530N 0694508E - 430659N 0693632E - 431935N 0683446E - 434530N 0672931E - 435819N 0675447E, Excluding the CTR Turkistan FL 140 / 5000 FT ALT Class of airspace: C	TURKISTAN TWR	TURKISTAN TOWER EN, RU H24	131,3 MHZ Primary FREQ	129,0 MHZ Secondary FREQ O/R or at ATC discretion 121.5 MHZ Emergency FREQ
	TURKISTAN INFORMATI ON	TURKISTAN ATIS EN H24	124,4 MHZ Primary FREQ	
		TURKISTAN ATIS RU H24	118,3 MHZ Primary FREQ	
TURKISTAN TMA3 434530N 0672931E - 431935N 0683446E - 430659N 0693632E - 424519N 0682349E - 422217N 0681732E - 422426N 0681456E - 430738N 0672650E - 434530N 0672931E, Excluding the CTR Turkistan FL 140 / 3000 FT ALT Class of airspace: C	TURKISTAN TWR	TURKISTAN TOWER EN, RU H24	131,3 MHZ Primary FREQ	129,0 MHZ Secondary FREQ O/R or at ATC discretion 121.5 MHZ Emergency FREQ
	TURKISTAN INFORMATI ON	TURKISTAN ATIS EN H24	124,4 MHZ Primary FREQ	
		TURKISTAN ATIS RU H24	118,3 MHZ Primary FREQ	

4	Remarks	The possibility of increasing the required level of fire protection up to 8 categories on request.
---	---------	--

UATE AD 2.7 Seasonal Availability - Clearing

1	Types of clearing equipment	Plough-brush machines — 4 units, screw-rotor (auger) snow blower — 1 unit, towed liquid chemical de-ice spreader — 1 unit. Liquid de-icing/anti-icing chemical "GreenWay F65 Grade B" and de-icing chemical "NORDWAY" are used for the removal and prevention of ice on aerodrome pavements.
2	Clearance priorities	1. RWY 2. TWY 3. Stands
3	Remarks	Nil

UATE AD 2.8 Aprons, Taxiways And Check Locations/Positions Data

1	Apron surface and strength	APRON		SURFACE	STRENGTH
		APRON		CONC+ASPH	PCN 52/F/C/W/T
		STANDS		SURFACE	STRENGTH
		106-114		CONC+ASPH	PCN 52/F/C/W/T
		199, 199			
		200-206, 206A			
		207, 208			
		20-24			
		25-26 (An-2)			Nil
2	Taxiway width, surface and strength	TWY	WIDTH (M)	SURFACE	STRENGTH
		B	24 M	CONC+ASPH	PCN 53/F/C/X/T
		C	24 M	CONC+ASPH	PCN 52/F/C/W/T
3	Altimeter checkpoint location and elevation	APRON/21m (69ft)			
4	VOR checkpoints	Nil			
5	INS checkpoints	Nil			
6	Remarks	TWY-A - MIL			

UATE AD 2.9 Surface Movement Guidance And Control System And Markings

1	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	Guidance sign board at entrance of RWYs, guidance sign designating taxiways
2	RWY and TWY markings and LGT	Designation of threshold, touchdown, centre line, fixed distance, RWY edges, RWY designation, zones before the runway threshold, taxi holding position, taxiway centre line, side RWY lights, TWY «B» and «C»
3	Stop bars	TWY B, RED TWY C, RED
4	Other runway protection measures	Nil
5	Remarks	TWY-A - MIL

UATE AD 2.10 Aerodrome Obstacles

NIL

UATE AD 2.11 Meteorological Information Provided

1	Associated MET Office	AMS Aktau +7 (7292) 463178
2	Hours of service MET Office outside hour	H24
3	Office responsible for TAF preparation: Periods of validity	AMSC Aktau, 24HR (0024, 0606, 1212, 1818)
4	Trend forecast Interval of issuance	TREND 30 min
5	Briefing/consultation provided	Personal consultation (Russian)
6	Flight documentation/languages used	TAF, METAR, SPECI, SIGMET, GAMET, AIRMET English
7	Charts and other information AVBL for briefing or consultation	S, U85, U70, U50, U40, U30, U25, U20, prognostic charts of wind and temperature at flight levels (FL), max wind, T, prognostic charts P85, P70, P50, P40, P30, P25, P20, SWH, SWM of WAFC, SWM+SWH, SWL of Kazakhstan;
8	Supplementary equipment AVBL for providing information	Doppler weather radar (METEOR-635C)
9	ATS units provided with information	Briefing, TWR, APP
10	Additional information	Nil

UATE AD 2.12 Runway Physical Characteristics

Designation s RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coordinates RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY	Slope of RWY-SWY
1	2	3	4	5	6	7
11	122.63°	3048 X 45	52/F/C/W/T CONC+ASPH	435203.01N 0510429.51E - -38.7 FT	THR 70.5 FT	See AOC type A
29	302.65°	3048 X 45	52/F/C/W/T CONC+ASPH	435109.72N 0510624.49E - -38.7 FT	THR 53.1 FT	

SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)	Location and description of arresting system	OFZ	Remarks
8	9	10	11	12	13	14
Nil	250 X 150	3348 X 300	90 X 160	Nil	AVBL	Turn Pad LEN 130 m, the total width of the turn pad and runway 90 m. REF AD 2.24.1
Nil	250 X 150	3348 X 300	90 X 160	Nil	AVBL	Turn Pad LEN 130 m, the total width of the turn pad and runway 90 m. REF AD 2.24.1

UATE AD 2.13 Declared Distances

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
11	3048	3298	3048	3048	Nil
29	3048	3298	3048	3048	Nil
TWY B - 11	1524	1774	1524	-	only for helicopters and aircrafts class 3 and 4
TWY C - 11	1160	1410	1160	-	only for helicopters and aircrafts class 3 and 4
TWY C - 29	1888	2138	1888	-	only for helicopters and aircrafts class 3 and 4
TWY B - 29	1524	1774	1524	-	only for helicopters and aircrafts class 3 and 4

UATE AD 2.14 Approach And Runway Lighting

RWY Designator	APCH LGT type, LEN, INTST	THR LGT colour, WBAR	VASIS, (MEHT), PAPI	TDZ, LGT LEN	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour, WBAR	SWY LGT LEN, colour	Remarks
1	2	3	4	5	6	7	8	9	10
11	CAT I (PALS) 900 M LIH	GRN Nil	PAPI LEFT/3°	Nil	Nil	3048m, spacing 60m, 0-2452 white, last 600m yellow	RED Nil	Nil	Nil

RWY Designator	APCH LGT type, LEN, INTST	THR LGT colour, WBAR	VASIS, (MEHT), PAPI	TDZ, LGT LEN	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour, WBAR	SWY LGT LEN, colour	Remarks
1	2	3	4	5	6	7	8	9	10
29	CAT I (PALS) 900 M LIH	GRN Nil	PAPI LEFT/3°	Nil	Nil	3048m, spacing 60m, 0-2452 white, last 600m yellow	RED Nil	Nil	Nil

UATE AD 2.15 Other Lighting, Secondary Power Supply

1	ABN/IBN location, characteristics and hours of operation	Nil
2	LDI location and LGT Anemometer location and LGT	LDI: 420m from THR RWY 11 LGT 340m from THR RWY 29 LGT Anemometer: from THR 11 - 450,5m; THR 29 - 450,5m
3	TWY edge and centre line lighting	TWY B EDGE: BLU TWY C EDGE: BLU
4	Secondary power supply/switch-over time	AVBL, 1 SEC
5	Remarks	Nil

UATE AD 2.16 Helicopter Landing Area

1	Coordinates TLOF or THR of FATO Geoid undulation	435129N 0510540E -39 FT
2	TLOF and/or FATO elevation	TWY-B — 21 M TWY-C — 19 M
3	TLOF and FATO area dimensions, surface, strength, marking	30 × 30 M, CONC+ASPH, PCN 52/F/C/W/T, no marking
4	True BRG of FATO	115/295
5	Declared distance available	Nil
6	APP and FATO lighting	Nil
7	Remarks	Helicopter take-off and landing conducted in helicopter mode are performed on the runway at the intersection points of the centre lines of TWY B and TWY C with the runway.

UATE AD 2.17 ATS Airspace

1	Designation and lateral limits	AKTAU CTR A circle radius 25 NM centered on 435220N 0510352E
2	Vertical limits	4000 FT ALT / GND
3	Airspace classification	C
4	ATS unit call sign Language(s)	AKTAU VYSHKA RU AKTAU TOWER EN

5	Transition altitude	10000 FT
6	Hours of applicability	H24
7	Remarks	NIL

UATE AD 2.18 ATS Communication Facilities

Service designation	Call sign	Frequency	SATVOICE number(s)	Logon address	Hours of operation	Remarks
1	2	3	4	5	6	7
ATIS	AKTAU ATIS (EN) AKTAU ATIS (RU)	130,1 MHz 126,2 MHz	Nil	Nil	H24	EN, RU
Production and dispatcher service	AKTAU TRANZIT (EN) AKTAU TRANZIT (RU)	131.9 MHz	Nil	Nil	As AD	Nil
TWR	AKTAU TOWER (EN) AKTAU VYSHKA (RU)	120,7 MHz	Nil	Nil	H24	VDF AVBL

UATE AD 2.19 Radio Navigation And Landing Aids

Type of aid, MAG VAR, ILS Classification, Type of supported OP (for VOR/ILS/MLS, give declination)	ID	Frequency, Channel number	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Service volume radius from the GBAS reference point	Remarks
1	2	3	4	5	6	7	8
ILS LOC 11	IAU	109.5 MHz	H24	435053.5N 0510659.5E		Nil	Nil
GP 11		332.6 MHz		435201.6N 0510444.7E			
DME 11	IAU	CH 32X		435201.6N 0510444.7E	100 FT		
ILS LOC 29 I/D/2	ITA	111.1 MHz	H24	435218.6N 0510355.5E		Nil	Nil
GP 29 I/C/2		331.7 MHz		435118.8N 0510616.6E			
DME 29	ITA	CH 48X		435118.8N 0510616.6E	100 FT		
NDB	T	326 KHZ	H24	435052.6N 0510701.8E	Nil	Nil	Nil
DVOR/DME (8°E /2021)	AKT	113.3 MHz CH 80X	H24	435220.3N 0510351.9E	100 FT	Nil	Nil

UATE AD 2.20 Local Aerodrome Regulations**1. Airport regulations**

The movement of aircraft around the airfield is carried out under the power of its own engines and towing by tractors.

Taxiing and towing are carried out according to the established markings. Occupying the runway for taxiing (towing) and for aircraft takeoff is carried out with the permission of the Aktau Tower air traffic controller.

On the apron stands it is allowed to start and test engines in low throttle modes upon request from the Aktau Tower air traffic controller, taking into account safety measures.

If the APU is faulty, starting one engine before towing to the engine launch site is carried out with the permission of the Aktau Tower air traffic controller.

Testing (checking) of aircraft engines at modes exceeding "idle throttle" is carried out on stand 208.

It is prohibited to start the engines while the aircraft is being towed.

Towing an aircraft with a running engine (started during towing) on a snowy, ice-covered (slippery) apron is prohibited.

Replace aircraft wheels using a jack only on hard surfaces (concrete, concrete pads).

The crew notifies the Aktau Tower air traffic controller about the need for anti-icing treatment.

Coordination of processing is carried out by Aktau Transit at a frequency of 131.900 MHz.

Aircraft processing is provided in two stages Type – 1 (SAE AMS1424 Type I Qualified Fluids) Aerodynamic and Anti-icing Endurance Performance and Type - 4 (SAE AMS1428 Type IV Qualified Fluids) Fluids Qualified at AMIL for Aerodynamic and Anti-icing Endurance Performance Treatment with anti-icing liquids is carried out:

- at parking stand 199A

The number of stands, procedure for placing the aircraft on the stand is assigned by the Aktau airport Production and dispatcher service, based on the actual situation on the apron, the presence of short-term restrictions and prohibitions on parking and movement of aircraft on the maneuvering area of the airfield.

The aircraft launch location on the apron is determined by the Aktau Tower air traffic controller.

In case of operational necessity, the service of draining fuel from the aircraft on the stand is provided according to the procedure.

Access to the Aktau Aerodrome Manual of third-party organizations is provided upon request by e-mail "office@aktau-airport.kz"

Aircraft with index "F" are accepted upon prior request.

For aircraft with code letter F, taxiing shall be performed under own engine power.

Follow-me guidance for aircraft with code letter F is provided from the taxiway to the aircraft stand..

2. Taxiing to/from aircraft stands.

Towing, engine starting and taxiing of aircraft to and from the stands is carried out with the permission of the Aktau Tower air traffic controller.

Before starting the engines, the crew must listen to the ATIS information, before launching (towing) establish contact with the Aktau Tower air traffic controller on the frequency 120.700 MHz, report the index of the current ATIS information, the stand number and receive ATC clearance for departure.

Depending on the ground and air situation, runway operational direction the Tower air traffic controller enters "holding procedure of start-up clearance" with the timing and start-up sequence of aircraft or informs the crew about the expected delay and gives permission to start the engines at the discretion of the crew.

Escorting (leading) of the aircraft is carried out regardless of the time of day by the escort vehicle when the low visibility procedures are in progress, in the absence of visibility of the markings of the aircraft intended for movement, or by the request of the aircraft crew.

The order of taxiing in and out at (from) the stand:

- Taxiing to all stands is carried out under the power of its own engines.
- The aircraft is taxied by towing.

- If the aircraft is not parked according to the parking lot markings, the aircraft is taxied under the power of its own engines under the guidance of the greeter or escort vehicle.

3. Limitations during taxiing

On RWY 11/29, aircraft shall perform 180° turns in accordance with the markings on the turn pads, except for aircraft of classes 3 and 4 and helicopters.

Aircraft located on taxiway-B (bravo), taxiway-C (charli) are prohibited from crossing the marked holding position at runway 11/29 without permission from the Aktau Tower air traffic controller.

4. Take-off and landing

When taking a line-up position on Runway 11/29, the aircraft crew reports its readiness for takeoff to the Aktau Tower air traffic controller.

After receiving a report from the aircraft crew about readiness for takeoff, the Aktau Tower controller, depending on the air situation, may allow the aircraft crew to take a line-up position and take off immediately. The aircraft crew is obliged to inform the Aktau Tower air traffic controller if it cannot take off immediately. If the runway is busy or there are no acceptable separation, the Aktau Tower air traffic controller allows the aircraft crew only to take the line-up position. At the same time, the aircraft crews comply with all taxiing procedures in accordance with the requirements of the aircraft type manual and other regulatory documents, including taxi speed:

- under normal environmental conditions and runway conditions, no more than 30 knots (55 km/h) on long runway distances and no more than 20 knots (37 km/h) on short runway distances;
- in conditions of low visibility procedures and meteorological conditions that contribute to the deterioration of the runway condition by no more than 10 knots (18 km/h).

Pre-flight checks by the crew in the cockpit must be completed before the line-up position. Checks required while on the runway should be kept to a minimum.

The aircraft crew takes off immediately after receiving take-off clearance.

If the aircraft crew cannot fulfill the above requirement, they must inform the Aktau Tower air traffic controller about this before taxiing onto the runway and inform him of the required delay time.

Depending on the air or ground situation, it is permitted to take off from the intersection of taxiway-B (bravo), taxiway-C(charli) of the Runway 11/29 at the request of the crew of a class 3, 4 aircraft or at the initiative of the Aktau Tower air traffic controller. The aircraft takes off from a point on the runway where the available characteristics of the runway from the start of the take-off run correspond to those required for the actual take-off weight of the aircraft and take-off conditions. The final decision on takeoff from the intersection of the taxiway and the runway is made by the aircraft pilot-in-command.

Engines are warmed up and tested before takeoff on the runway or taxiway with the permission of the Aktau Tower air traffic controller after a request from the aircraft crew.

Take-off and landing of aircraft with a tailwind is permitted in order to speed up the flow of aircraft at the request of the aircraft crew or on the initiative of the air traffic control unit. Responsibility for making a decision on such a takeoff or landing rests with the aircraft pilot-in-command.

In order to reduce the runway occupancy time, the Aktau Tower air traffic controller can issue a command to accelerate the release of Runway 11/29. If it is impossible to perform the required operation, the crew immediately informs the air traffic controller.

The final decision on whether to take off or land under weather conditions that do not meet the airfield operating minimum is made by the aircraft pilot-in-command. In this case, the air traffic control clearance for takeoff or landing is not a force on the aircraft pilot-in-command to carry it out, and responsibility for the decision made and the outcome of the takeoff or landing rests with the aircraft pilot-in-command. The designation of a runway is made by the ATS unit, taking into account the aircraft landing or taking off into the wind, unless safety considerations, runway configuration, meteorological conditions and applicable approach procedures or air traffic conditions make another direction preferable.

5. Training and practice flights, check-test and check flights (flyover)

Educational and training flights, control and test flights (overflights) of aircraft are carried out in accordance with the requirements established by the Rules for Flight Operations in Civil Aviation.

An IFR flight is carried out according to established procedures for instrumental takeoff and approach. After takeoff, the crew maintains the conditions specified by the air traffic controller for fitting into the approach pattern. The VFR flight is carried out along a route agreed with the ATS unit. The number of aircraft performing educational, training, control, test and control flights (overflights) within TMA 1, TMA 2 and CTR of the Aktau airfield is determined by the Aktau Tower supervisor, based on the presence of prohibited zones and flight restriction zones, air and meteorological conditions. Depending on the intensity of flights and the restrictions imposed, the Aktau Tower supervisor is given the right to limit the number of training aircraft, suspend or prohibit training flights.

Control and test flights of aircraft are carried out during the day for all types of aircraft.

6. Procedures in low visibility conditions

LVP are introduced when RVR is less than 550 m.

The start of LVP actions is announced via the ATIS channel or by the ATS unit with the message "Low visibility procedures are in progress."

Runway 11/29 are equipped for takeoff in LVP conditions.

Runway 11/29 are equipped for precision approach and landing under category I.

Crossing the "STOP" line lights that are on is prohibited. The aircraft crew is informed by the ATS unit about changes in the operational status of radio, lighting, and meteorological equipment.

7. Helicopter flights

Taxiing on helicopters is carried out taking into account wind restrictions, according to the Flight Manual, with constant visibility of landmarks ahead. The air movement of a helicopter with a skid type landing gear from the parking area to the take-off location and back is carried out along the route assigned by the Aktau Tower air traffic controller to the PMU under the responsibility of the helicopter pilot-in-command. The helicopter engines are started at stands 20-24 for warming up and testing only at low throttle.

Control hovering is permitted only over runway 11/29, taxiway-B(bravo), taxiway-C(charli).

Take-off/landing is permitted by helicopter in the daytime, from (on) taxiway-B(bravo), taxiway-C(charli), in compliance with the established intervals between aircraft take-offs and landings, subject to the established minimum weather conditions for flights under VFR (special VFR).

Responsibility for the takeoff (landing) in this case rests with the helicopter pilot-in-command.

Helicopters take off from the airfield after:

- crew report on readiness for takeoff (by plane, by helicopter), and obtaining permission for takeoff from the Aktau Tower air traffic controller.

For a takeoff by helicopter, landing the helicopter after a control hover is not necessary. The height of the control hover is determined by the helicopter pilot-in-command, but the helicopter performing the control hover must not interfere with the takeoff and landing of other aircraft. If there are weather conditions or smoke on a part of the runway that impairs visibility to values below the established weather minimum for flights under VFR (special VFR), it is permitted to land on that part of the runway where the weather conditions correspond to the minimum (beginning/middle/end). Responsibility for making such a landing rests with the helicopter pilot-in-command.

Take-off and landing with a run, take-off and landing of a helicopter at night and when flying under IFR are performed from/to the runway.

8. Removal of all those who have lost the ability to move

Reflected in the "Emergency Plan" of Aktau International Airport. Access to the "Emergency Plan" of third-party organizations is provided upon request by e-mail "office@aktau-airport.kz"

UATE AD 2.21 Noise Abatement Procedures

NIL

UATE AD 2.22 Flight Procedures

1. General

RWY 11/29 approved for CAT I operations.

2. Low Visibility Procedures.

Low Visibility Procedures (LVP) are effected when RVR is less than 550 m. Low Visibility Procedures are cancelled when RVR is 550 m. and greater. The start of LVP procedures is reported to flight crew by ATC with the following phrase:: "LOW VISIBILITY PROCEDURES IN OPERATION".

Control of obstacles presence on RWY and in ILS critical zones is carried out by air traffic controller according to the reports of flight crew or aerodrome service specialist reports.

The ATC informs flight crew about:

- any changes in the operational status of radio and lighting equipment;
- changes of surface wind;
- changes of RVR;
- changes of ceiling (vertical visibility).

3. Arriving Aircraft

Vacation of runway shall be reported on TWY only when passing of critical zone.

Aircraft parking shall be carried out by signals of marshalling person.

4. Departing Aircraft

Aircraft shall stop at the holding position before the light sign of runway designation.

5. VFR procedures within the aerodrome control zone (CTR)

Air traffic service in the control zone of the aerodrome is carried out by the controller of the "Tower" ATC unit. Flight altitudes are calculated by the aircraft crew in accordance with the Civil Aviation Flight Rules of the Republic of Kazakhstan. The functions of Air traffic service does not include ground collision avoidance. The aircraft crew shall ensure that the clearance issued by the ATS unit in this regard is safe. VFR flights at altitudes below 3000 feet in the control zone are performed at the altitudes indicated in the flight plan or requested by the aircraft crew.

Flights must not be performed over populated areas within the control zone.

For VFR flights, the aerodrome has a flight circle (left / right) at an altitude of 500 feet. The air traffic controller of the "Tower" ATC unit is determine and report which flight circle is in use.

Entering the flight circle, crossing the runway alignment is made only with the permission of the air traffic controller of the "Tower" ATC unit.

The aircraft crew preliminarily agrees with the ATS unit the flight area and altitude range during aerial work in the control zone at absolute altitudes.

When entering the control zone (CTR) from uncontrolled airspace, the aircraft crew must obtain an air traffic control clearance 5 minutes before the estimated time of entering the controlled airspace.

Entry / exit of aircraft of category A and helicopters flying in VFR to / from the control zone (CTR) is carried out at the shortest distance through the corresponding point.

If the air situation requires the holding procedure, the air traffic controller of the "Tower" ATC unit gives the

instructions to the aircraft crew to follow to one of the holding points.

№	Waypoint name (visual reference)	Geographical coordinates	Radial (mag.) and distance from NAVAID (ARP)	Remarks
1	SAURA (Coastline NW of AKT)	N441433 E0504757	326° 25.0 nm AKT DVOR/DME	Entry/exit
2	TATIK (Highway NE from AKT)	N441348 E0512126	023° 25.0 nm AKT DVOR/DME	Entry/exit
3	KARAG (Railroad eastbound from AKT)	N435635 E0513758	073° 25.0 nm AKT DVOR/DME	Entry/exit
4	OZERO (Dry bed east of AKT)	N434713 E0513741	094° 25.0 nm AKT DVOR/DME	Entry/exit
5	OZENI (Road SE from AKT)	N433633 E0513038	122° 25.0 nm AKT DVOR/DME	Entry/exit
6	OIMAS (Road SE from AKT)	N433227 E0512447	135° 25.0 nm AKT DVOR/DME	Entry/exit
7	ZALIV (Settling ponds SE of AKT)	N434252 E0511858	124° 14.5 nm AKT DVOR/DME	Holding
8	KARER (Quarry east of AKT)	N435039 E0512304	090° 14.0 nm AKT DVOR/DME	Holding
9	DUNGA (Oil fields north of AKT)	N440014 E0510412	355° 7.9 nm AKT DVOR/DME	Holding

6. Continuous Descent Operation

CDOs are performed during periods of low traffic density at ATC discretion.

CDOs are executed only by ACFT that use standard arrival procedures RNAV1 based on GNSS.

Although these procedures are designed as a closed path, they permit distance planning for CDO, allowing the ACFT Flight Management System/Computer (FMS/FMC) to accurately execute automated optimized descents when:

- ACFT is cleared to proceed to a waypoint or via a combination of waypoints in order to provide an optimum lateral flight path up to and including the FAP and thus the exact distance to the RWY is known prior to start of the continuous descent operation; or
- the pilots of the ACFT that to be vectored to final are provided with distance-to-go information.

CDOs are authorized only when following conditions are respected:

- ILS of RWY intended for landing is in operation;
- no adverse weather conditions that may affect CDO;
- no system degradations that may affect GNSS or ILS operation.

After receiving "WHEN READY DESCEND TO (LEVEL)" or "DESCEND TO (LEVEL) AT PILOTS DISCRETION" clearance the pilot is allowed to plan/optimize vertical profile in order to apply CDO to FAP.

Depending on traffic, CDO may start from TOD or lower levels.

In accordance with appropriate ATC clearances, CDO can start from the TOD when ACFT is cleared to a waypoint or via a combination of waypoints for direct routing/shortcut and the horizontal trajectory is defined up to and including the FAP. Thus, the exact distance to RWY is known and the descent profile can be readily calculated by the appropriate on board system (FMS) prior to start of the CDO.

After clearance "WHEN READY DESCEND TO (LEVEL) " or "DESCEND TO (LEVEL) AT PILOTS

DISCRETION" pilot should maintain the cruising/last assigned level until the optimal descent point/TOD that is determined by pilot or FMS, then start descent with no extra requests unless other ATC instructions are issued.

If necessary ATC may issue additional instructions: "WHEN READY DESCEND TO (LEVEL), REPORT LEAVING (or REPORT TOP-OF-DESCENT)"

Considering airspace structure, ATC issues an instruction to descend to level(s) above level of FAP. Wherein ATC issues further descent instruction prior to CDO flight reaching 3000 feet (900 m) above last assigned level.

It is preferable if CDO is commenced from top of descent. If it is not feasible due to traffic, CDO may be initiated from any lower level.

As a portion of the procedure consists of vectoring, the specific distance to RWY threshold is not known to a pilot prior to start of the CDO. In such cases, ATC will provide the pilot with an estimate of the flight track-miles to the RWY threshold as distance-to-go information. The pilot will use this information to determine the optimum descent rate to achieve a CDO.

ACFT not exceed IAS 220 knots closer 15 n.m. to RW threshold.

7. Continuous Climb Operation

Continuous Climb Operations (CCO) are conducted along standard instrument departure routes (SID RNAV1) using GNSS. The feasibility of CCO is determined by the ATC based on the current air traffic situation and operational traffic density.

UATE AD 2.23 Additional Information

1. Accepted exceptions, exemptions and restrictions in aerodrome certificate.

Regulatory reference	Requirement of regulations	Description of exceptions, exemptions and restrictions	Measures taken and validity period
Nil	Nil	Nil	Nil

2. The bird aggregations in the vicinity of the airport.

Intensive flights of flocks of pigeons, sparrows and gulls occur periodically within 1-2 hours before and after sunrise, when birds fly from their resting place (from the sea west of the runway) across the runway through the approach zone of runway 11 and runway 29 to the feeding areas. The altitude of the bird flights is changing within from 0 to 400 m. above ground level. The main directions of migration are from south to north and in the opposite direction. In winter, a small number of crow flocks gather around the aerodrome and at the aerodrome, representing a danger to flights from sunrise to sunset.

As required, the aerodrome control unit informs pilots of such migrations of birds. Upon receipt of such information, pilots are recommended, if the calculated characteristics of the onboard equipment allow, to switch on landing lights when flying around the aerodrome, during take-off, approach, as well as climbing and descending.

Measures for reducing the bird aggregations include: periodic scaring of birds (noise gun, bioacoustic equipments), effective measures against the garbage dumps, removal of grass cover, as well as the termination of agricultural activities within the airport.

UATE AD 2.24 Charts Related To An Aerodrome

Name	Page
Aerodrome Chart ICAO	UATE AD 2.24.1-1
Aerodrome Ground Movement and Parking Chart ICAO	UATE AD 2.24.3-1
Aerodrome Obstacle Chart – ICAO Type A	UATE AD 2.24.4-1
Standard Departure Chart Instrument (SID) RWY 11 ICAO	UATE AD 2.24.7-1-1
Standard Departure Chart Instrument (SID) RWY 11 ICAO	UATE AD 2.24.7-2-1
Standard Departure Chart Instrument (SID) RWY 29 ICAO	UATE AD 2.24.7-3-1
Standard Departure Chart Instrument (SID) RNAV RWY 11 ICAO	UATE AD 2.24.7-4-1
Standard Departure Chart Instrument (SID) RNAV RWY 29 ICAO	UATE AD 2.24.7-5-1
Standard Arrival Chart Instrument (STAR) RWY 11 ICAO	UATE AD 2.24.9-1-1
Standard Arrival Chart Instrument (STAR) RWY 29 ICAO	UATE AD 2.24.9-2-1
Standard Arrival Chart Instrument (STAR) RWY 11 ICAO	UATE AD 2.24.9-3-1
Standard Arrival Chart Instrument (STAR) RWY 29 ICAO	UATE AD 2.24.9-4-1
Standard Arrival Chart Instrument (STAR) RNAV RWY 11 ICAO	UATE AD 2.24.9-5-1
Standard Arrival Chart Instrument (STAR) RNAV RWY 29 ICAO	UATE AD 2.24.9-6-1
ATC Surveillance Minimum Altitude Chart ICAO	UATE AD 2.24.10-1
Instrument Approach Chart – ILS/DME RWY 11 ICAO	UATE AD 2.24.11-1-1
Instrument Approach Chart – ILS/DME RWY 29 ICAO	UATE AD 2.24.11-2-1
Instrument Approach Chart – VOR/DME - Y RWY 11 ICAO	UATE AD 2.24.11-3-1
Instrument Approach Chart – VOR/DME - Y RWY 29 ICAO	UATE AD 2.24.11-4-1
Instrument Approach Chart – VOR/DME - Z RWY 11 ICAO	UATE AD 2.24.11-5-1
Instrument Approach Chart – VOR/DME - Z RWY 29 ICAO	UATE AD 2.24.11-6-1
Instrument Approach Chart – NDB BC RWY 11 ICAO	UATE AD 2.24.11-7-1
Instrument Approach Chart – NDB RWY 29 ICAO	UATE AD 2.24.11-8-1
Instrument Approach Chart – RNP RWY 11 ICAO	UATE AD 2.24.11-9-1
Instrument Approach Chart – RNP RWY 29 ICAO	UATE AD 2.24.11-10-1
Visual Approach chart – ICAO	UATE AD 2.24.12-1
VFR Departure/Arrival Chart	UATE AD 2.24.14-1

UATE AD 2.25 Visual segment surface (VSS) penetrations

No penetrations

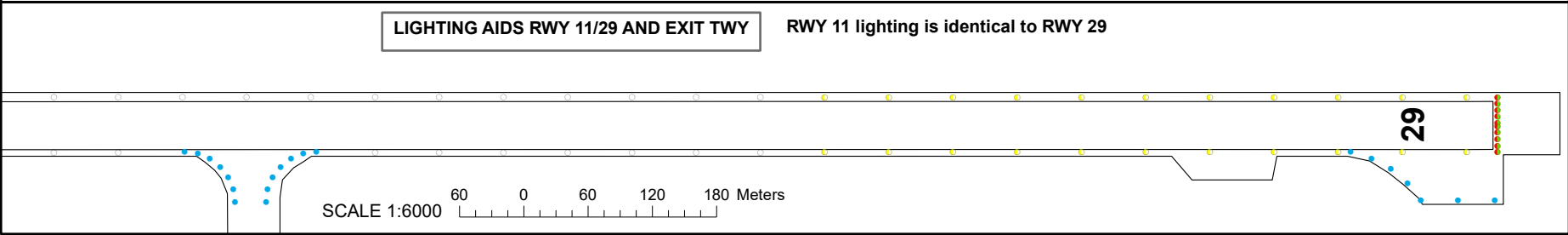
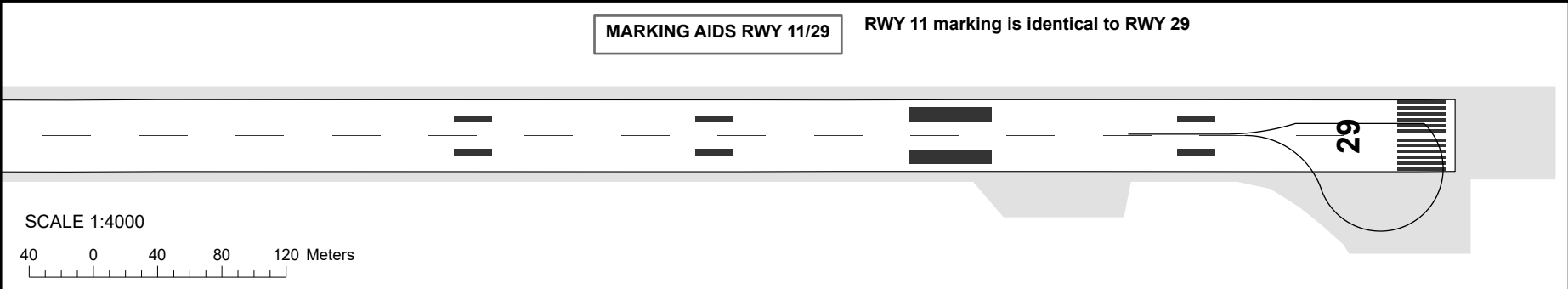
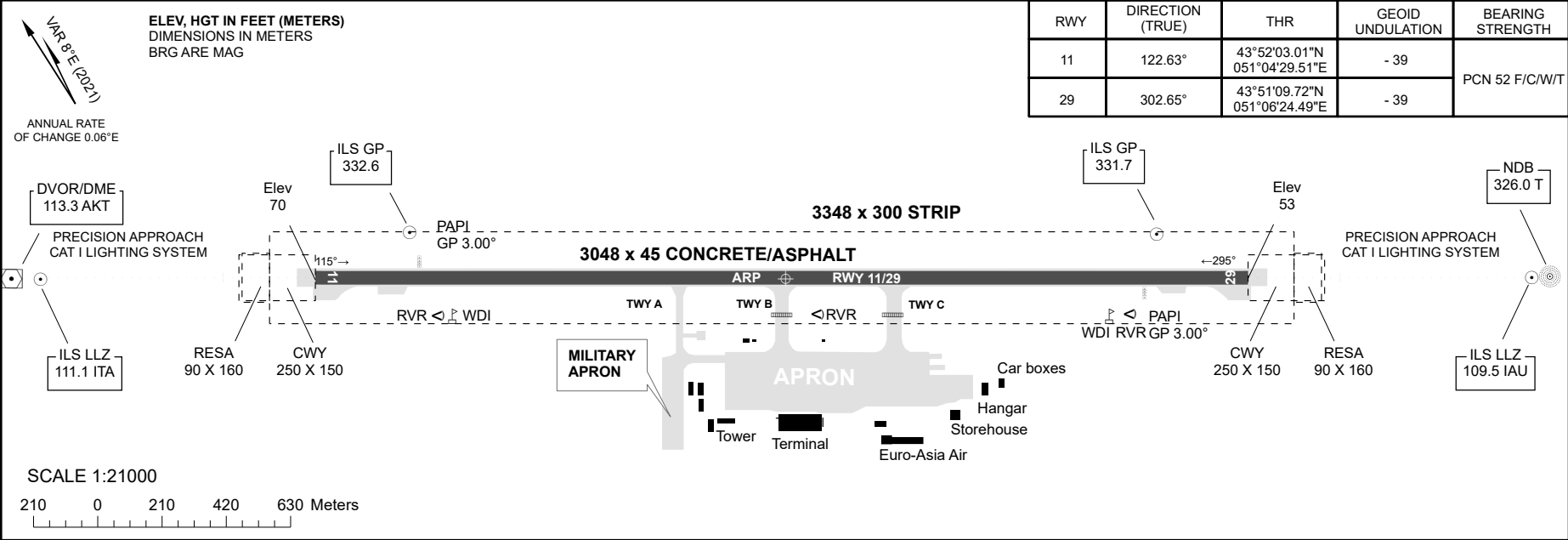
AERODROME
CHART - ICAO

AD ELEV
75FT (23m)

ARP 435136N
0510527E

TWR 120.7

AKTAU



THIS PAGE INTENTIONALLY LEFT BLANK

UAAA AD 2.7 Seasonal Availability - Clearing

1	Types of clearing equipment	10 plow-brush equipment with turbo pipes, 3 rotors, 3 wind machines, 5 spraders (reagent sprayers), 5 pushers for cleaning the snow shafts, 1 sidewalk cleaning machine per runway, 2 graders, 2 bulldozers, 1 snow rolling machine, Other modern snow removal equipment. The anti-icing granular reagent "NKMM" and the anti-icing liquid reagent NORDWEIF of the NORM brand are used to remove ice from airfield coatings.
2	Clearance priorities	1. RWY 2. TWY 3. Stands
3	Remarks	(Seasonal availability: All seasons, caution advised in winter during snow conditions) At surface condition code 3 and below: RWY 05R/23L closed

UAAA AD 2.8 Aprons, Taxiways And Check Locations/Positions Data

1	Apron surface and strength	APRON	STANDS	SURFACE	STRENGTH
		1	101 - 104	CONC+ASPH	PCN 55/F/C/X/T
		2	201,202,203	CONC	PCN 56/R/B/W/T
			204/204L/204R 205/205L/205R		PCN 71/R/B/W/T
		3	29-31, 31A	CONC+ASPH	PCN 20/R/B/X/T
			32A, 32-36		PCN 21/R/B/X/T
			26-28		PCN 30/R/B/X/T
		4	1-2	CONC+ASPH	PCN 18/F/C/W/T
			42A, 42-43A		PCN 12/F/C/X/T
		5	47-50	CONC+ASPH	PCN 63/F/C/X/T
			51-56		PCN 50/F/C/X/T
			59,60, 59A, 60A		PCN 55/R/B/W/U
			105A/B,106,106A/ B		PCN 70/R/B/X/T
		6	601, 602	CONC	PCN 75/R/A/X/T
			601 A/B, 602 A/B	CONC+ASPH	PCN 92/F/C/X/T
			603, 604, 605		PCN 69/F/C/X/T
			603A/B - 605 A/B		PCN 69/F/C/X/T
			606, 607, 607A/B		PCN 56/R/A/X/T

2	Taxiway width, surface and strengthД	TWY	WIDTH (M)	SURFACE	STRENGTH
		A	22.5 M	CONC+ASPH	PCN 63/R/B/W/T
		B	23 M	CONC+ASPH	PCN 66/F/C/X/U
		C	22.5 M	CONC+ASPH	PCN 55/R/B/X/U
		D	37 M	CONC+ASPH	PCN 68/F/C/X/T
		E	24 M	CONC+ASPH	PCN 68/F/C/X/T
		F	23 M	CONC+ASPH	PCN 62/F/C/X/T
		H	45 M	CONC+ASPH	PCN 66/F/C/X/U
		K	25 M	CONC+ASPH	PCN 55/R/B/X/U
		L	25 M	CONC+ASPH	PCN 79/F/C/X/T
3	Altimeter checkpoint location and elevation	THR RWY 23R - 677,3 m/2222,1ft THR RWY 23L - 681,6 m/2236,2 ft			
4	VOR checkpoints	Nil			
5	INS checkpoints	Nil			
6	Remarks	Nil			

UAAA AD 2.9 Surface Movement Guidance And Control System And Markings

1	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	Guidance sign board at entrance of RWY, guidance sign designating taxiways and apron Cat IIIB - RWY 23L. Parking Management System: via TWY A; TXL A1, A2 to parking spaces 102, 103 via TWY A; TXL A1, A2, A3 to parking spaces 201–205; 204L/204R, 205L/205R via TWY C; TWY K; TXL K1 to parking space 104 via TWY C; TWY K; TXL K1, TXL A3 to parking spaces 201–205; 204L/204R, 205L/205R The remaining parking spaces do not have parking maneuvering lights or stop lights.
2	RWY and TWY markings and LGT	Markings of thresholds, touchdown zones, centre line, fixed distance markers, RWY edges, RWY designations, taxi holding positions, taxiway centre lines, stands
3	Stop bars	TWY: A, B, C, D, K, L, F, E, H. RED
4	Other runway protection measures	Nil
5	Remarks	RWY23L: centerline lights on exit from RWY to TWY A and lights on rapid exit from RWY to TWY C. Yellow / Green. RWY23R: centerline lights on exit from RWY to TWY K and TWY L and lights on rapid exit from RWY to TWY D. Yellow / Green. TWY A: Holding lights in front of ILS RWY05L zone. Yellow.

UAAA AD 2.10 Aerodrome Obstacles

NIL

UAAA AD 2.11 Meteorological Information Provided

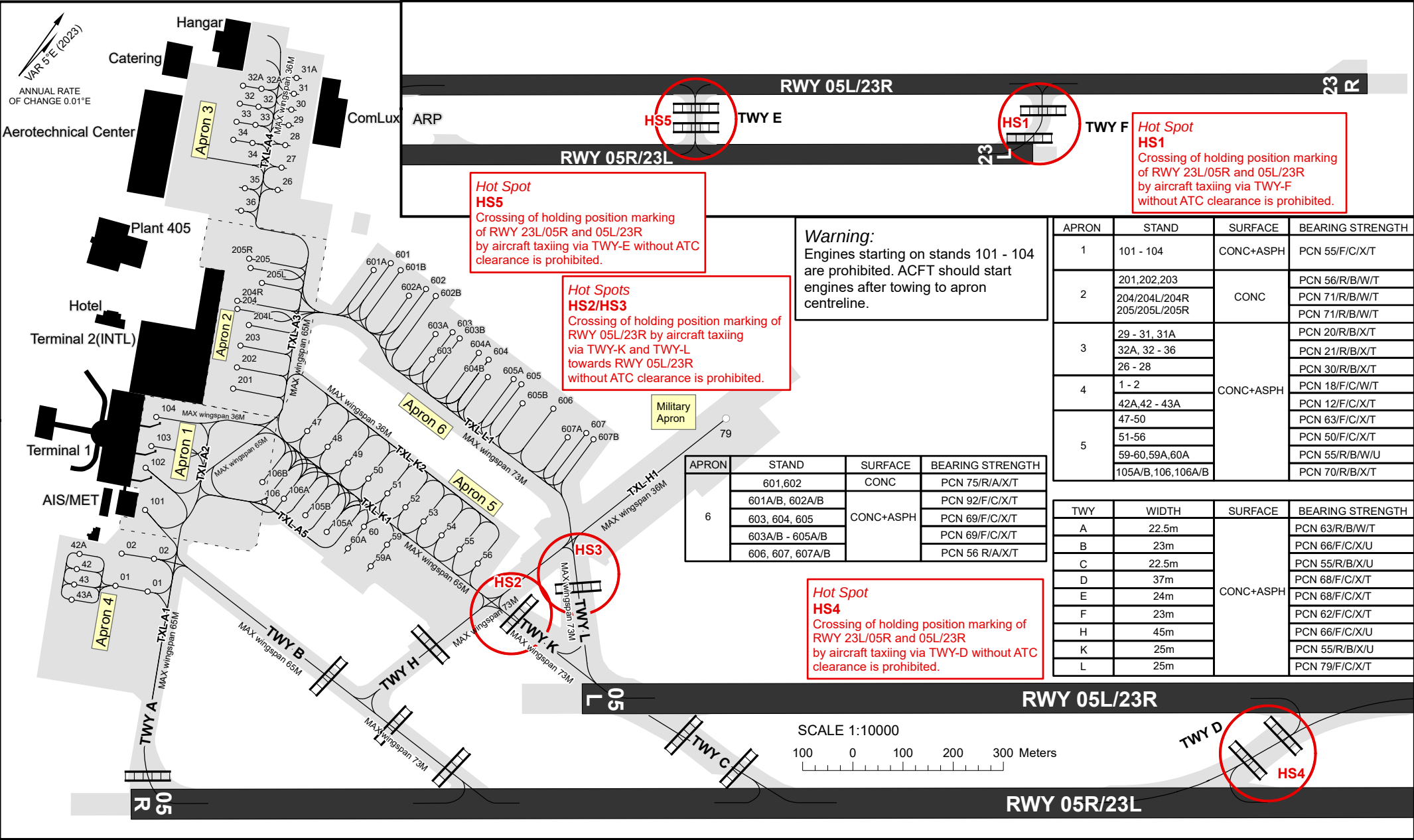
1	Associated MET Office	Meteorological service Almaty Phone: +7 (727) 2573280 Phone: +7 (727) 2573803
---	-----------------------	---

AERODROME GROUND MOVEMENT
AND PARKING CHART - ICAO

APRON 1 ELEV 2218FT
APRON 2 ELEV 2205FT
APRON 3 ELEV 2208FT
APRON 4 ELEV 2221FT
APRON 5 ELEV 2215FT
APRON 6 ELEV 2205FT

TWR	119.4
GROUND	121.7
DELIVERY	120.8

ALMATY



ALMATY

STANDS CHARACTERISTICS

Apron	Stand	Coordinates	
		Latitude	Longitude
4	01	43 20 39.58 N	077 00 50.87 E
4	01	43 20 40.44 N	077 00 53.51 E
4	02	43 20 41.52 N	077 00 49.72 E
4	02	43 20 42.42 N	077 00 52.35 E
3	26	43 21 06.63 N	077 00 43.10 E
3	27	43 21 07.96 N	077 00 42.27 E
3	28	43 21 09.30 N	077 00 41.43 E
3	29	43 21 10.48 N	077 00 40.69 E
3	30	43 21 11.42 N	077 00 40.10 E
3	31	43 21 12.36 N	077 00 39.51 E
3	31A	43 21 13.30 N	077 00 38.92 E
3	32	43 21 10.38 N	077 00 37.56 E
3	32	43 21 09.87 N	077 00 36.04 E
3	32A	43 21 10.95 N	077 00 35.38 E
3	32A	43 21 11.45 N	077 00 36.89 E
3	33	43 21 08.78 N	077 00 36.70 E
3	33	43 21 09.30 N	077 00 38.24 E
3	34	43 21 07.70 N	077 00 37.36 E
3	34	43 21 08.22 N	077 00 38.92 E
3	35	43 21 05.53 N	077 00 40.61 E
3	36	43 21 04.19 N	077 00 41.45 E
4	42	43 20 39.07 N	077 00 47.21 E
4	42A	43 20 39.98 N	077 00 46.65 E
4	43	43 20 38.15 N	077 00 47.78 E
4	43A	43 20 37.25 N	077 00 48.34 E
5	47	43 20 54.80 N	077 00 57.23 E
5	48	43 20 54.69 N	077 00 59.51 E
5	49	43 20 54.58 N	077 01 01.79 E
5	50	43 20 54.47 N	077 01 04.07 E
5	51	43 20 54.37 N	077 01 06.20 E
5	52	43 20 54.28 N	077 01 08.21 E
5	53	43 20 54.18 N	077 01 10.24 E
5	54	43 20 54.09 N	077 01 12.26 E
5	55	43 20 53.99 N	077 01 14.27 E
5	56	43 20 53.89 N	077 01 16.30 E
5	59	43 20 51.61 N	077 01 08.72 E
5	59A	43 20 49.87 N	077 01 08.60 E
5	60	43 20 51.74 N	077 01 06.14 E
5	60A	43 20 50.00 N	077 01 06.04 E

Apron	Stand	Coordinates	
		Latitude	Longitude
1	101	43 20 44.71 N	077 00 49.27 E
1	102	43 20 46.98 N	077 00 47.22 E
1	103	43 20 48.35 N	077 00 46.56 E
1	104	43 20 50.08 N	077 00 45.48 E
5	105A	43 20 50.11 N	077 01 03.67 E
5	105B	43 20 50.23 N	077 01 01.28 E
5	106	43 20 49.47 N	077 00 57.60 E
5	106A	43 20 50.34 N	077 00 58.88 E
5	106B	43 20 50.44 N	077 00 56.48 E
2	201	43 20 54.38 N	077 00 49.70 E
2	202	43 20 55.66 N	077 00 48.92 E
2	203	43 20 56.95 N	077 00 48.10 E
2	204L	43 20 58.36 N	077 00 47.69 E
2	204	43 20 58.80 N	077 00 46.06 E
2	204R	43 20 59.23 N	077 00 45.64 E
2	205L	43 21 01.08 N	077 00 46.56 E
2	205	43 21 01.47 N	077 00 44.98 E
2	205R	43 21 01.92 N	077 00 44.42 E
6	601	43 21 06.80 N	077 00 55.02 E
6	601A	43 21 05.82 N	077 00 54.10 E
6	601B	43 21 06.79 N	077 00 56.09 E
6	602	43 21 06.70 N	077 00 58.88 E
6	602A	43 21 05.72 N	077 00 57.96 E
6	602B	43 21 06.68 N	077 00 59.95 E
6	603A	43 21 04.64 N	077 01 01.82 E
6	603B	43 21 05.28 N	077 01 03.80 E
6	603	43 21 03.15 N	077 01 02.82 E
6	603	43 21 05.35 N	077 01 02.97 E
6	604A	43 21 05.20 N	077 01 05.92 E
6	604B	43 21 04.23 N	077 01 07.78 E
6	604	43 21 05.19 N	077 01 06.98 E
6	605A	43 21 05.06 N	077 01 09.77 E
6	605B	43 21 04.08 N	077 01 11.64 E
6	605	43 21 05.06 N	077 01 10.60 E
6	606	43 21 04.91 N	077 01 14.16 E
6	607A	43 21 03.90 N	077 01 16.63 E
6	607B	43 21 04.73 N	077 01 18.62 E
6	607	43 21 04.80 N	077 01 17.78 E

AERODROME CHART - ICAO

ARP 501907N
0665709E

TWR 134.3

ARKALYK

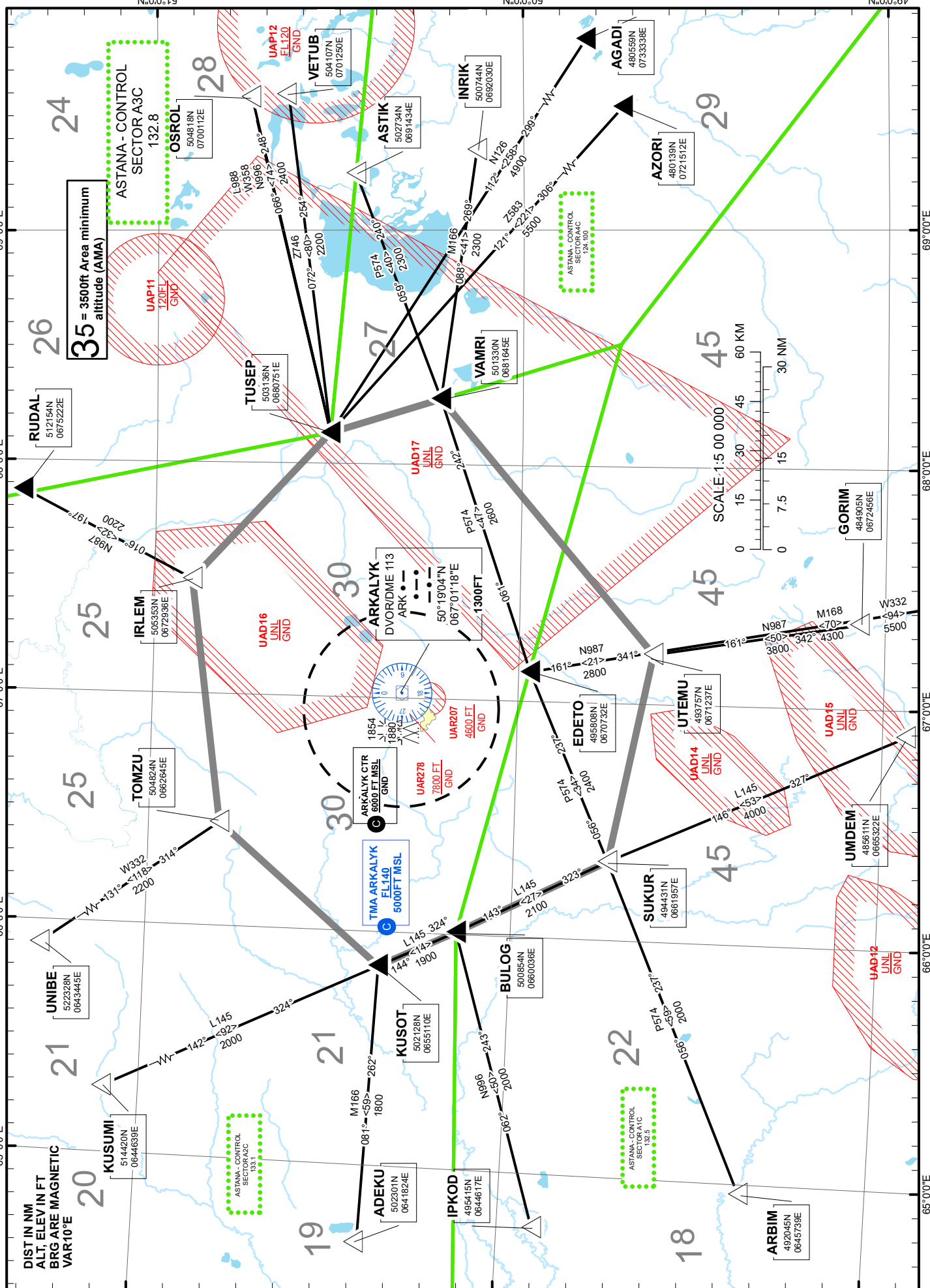
AIRAC AMDT 011/2026



Kazaeronavigatsia

THIS PAGE INTENTIONALLY LEFT BLANK

CHANGE: Sector A4C.



THIS PAGE INTENTIONALLY LEFT BLANK

STANDARD DEPARTURE
CHART - INSTRUMENT
(SID) - ICAO

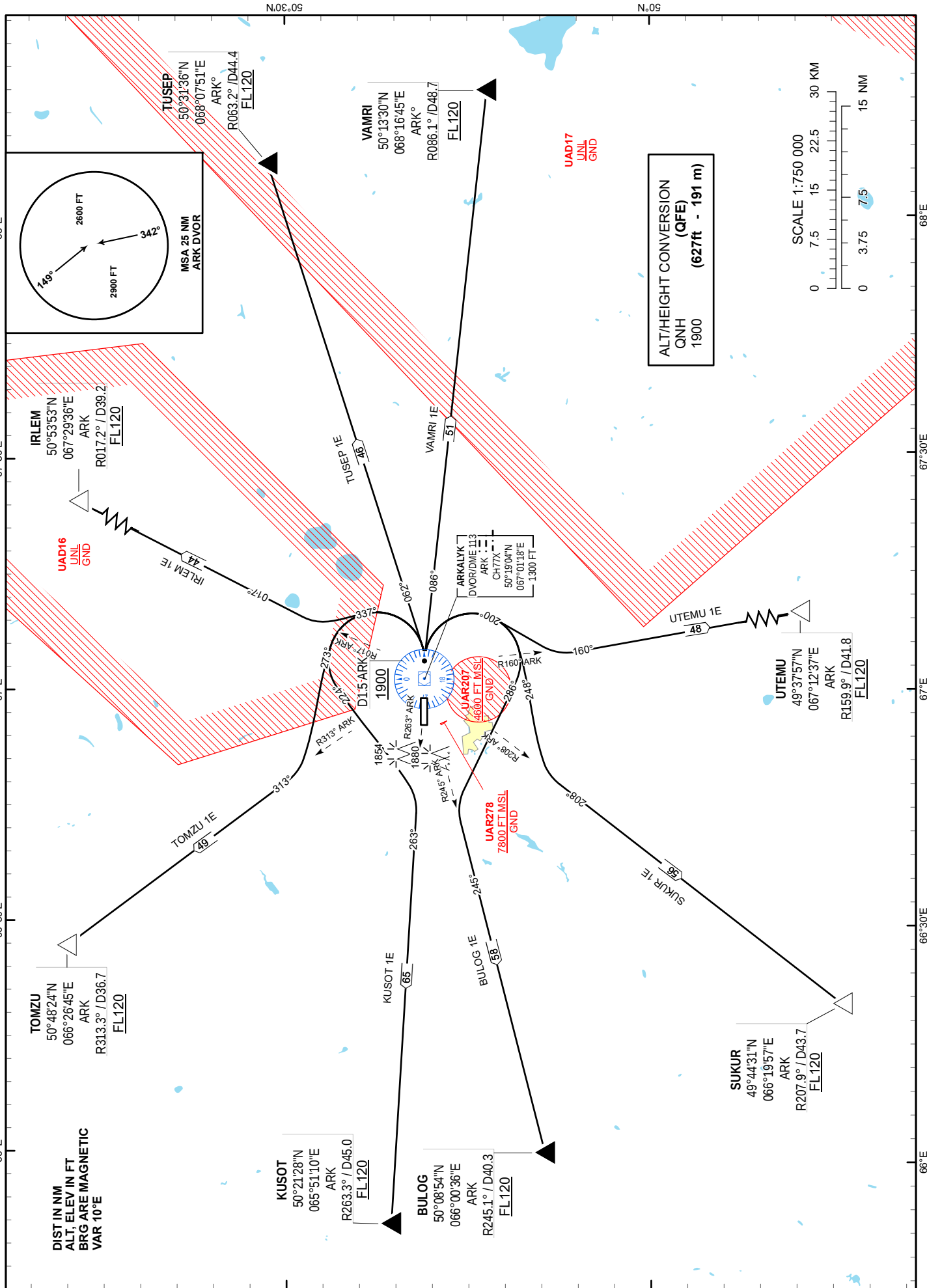
TRANSITION ALTITUDE
10000 FT

ARKALYK TOWER 134.3

BULOG1E, IRLEM1E, KUSOT1E,
SUKUR1E, TOMZU1E, TUSEP1E,
UTEMU1E, VAMR1E

ARKALYK
RWY 08

CHANGE: TUSEP,TOMZU radial.



Standard Departure Routes - Instrument (SID) RWY 08

IRLEM 1E

After take-off climb straight ahead to 1900FT or above. At 1.5NM ARK, LEFT on track 337° until intercept R017°ARK, then proceed on track 017° to IRLEM (R017.2° D39.2NM ARK).
Cross IRLEM at FL120 or above.

TUSEP 1E

After take-off climb straight ahead to 1900FT or above. At 1.5NM ARK, LEFT on track 062° to TUSEP (R063.2° D44.4NM ARK).
Cross TUSEP at FL120 or above.

VAMRI 1E

After take-off climb straight ahead to 1900FT or above. At 1.5NM ARK, RIGHT on track 086° to VAMRI (R086.1° D48.7NM ARK).
Cross VAMRI at FL120 or above.

UTEMU 1E

After take-off climb straight ahead to 1900FT or above. At 1.5NM ARK, RIGHT on track 200° until intercept R160°ARK, then proceed on track 160° to UTEMU (R159.9° D41.8NM ARK).
Cross UTEMU at FL120 or above.

SUKUR 1E

After take-off climb straight ahead to 1900FT or above. At 1.5NM ARK, RIGHT on track 248° until intercept R208°ARK, then proceed on track 208° to SUKUR (R207.9° D43.7NM ARK).
Cross SUKUR at FL120 or above.

BULOG 1E

After take-off climb straight ahead to 1900FT or above. At 1.5NM ARK, RIGHT on track 286° until intercept R245°ARK, then proceed on track 245° to BULOG (R245.1° D40.3NM ARK).
Cross BULOG at FL120 or above.

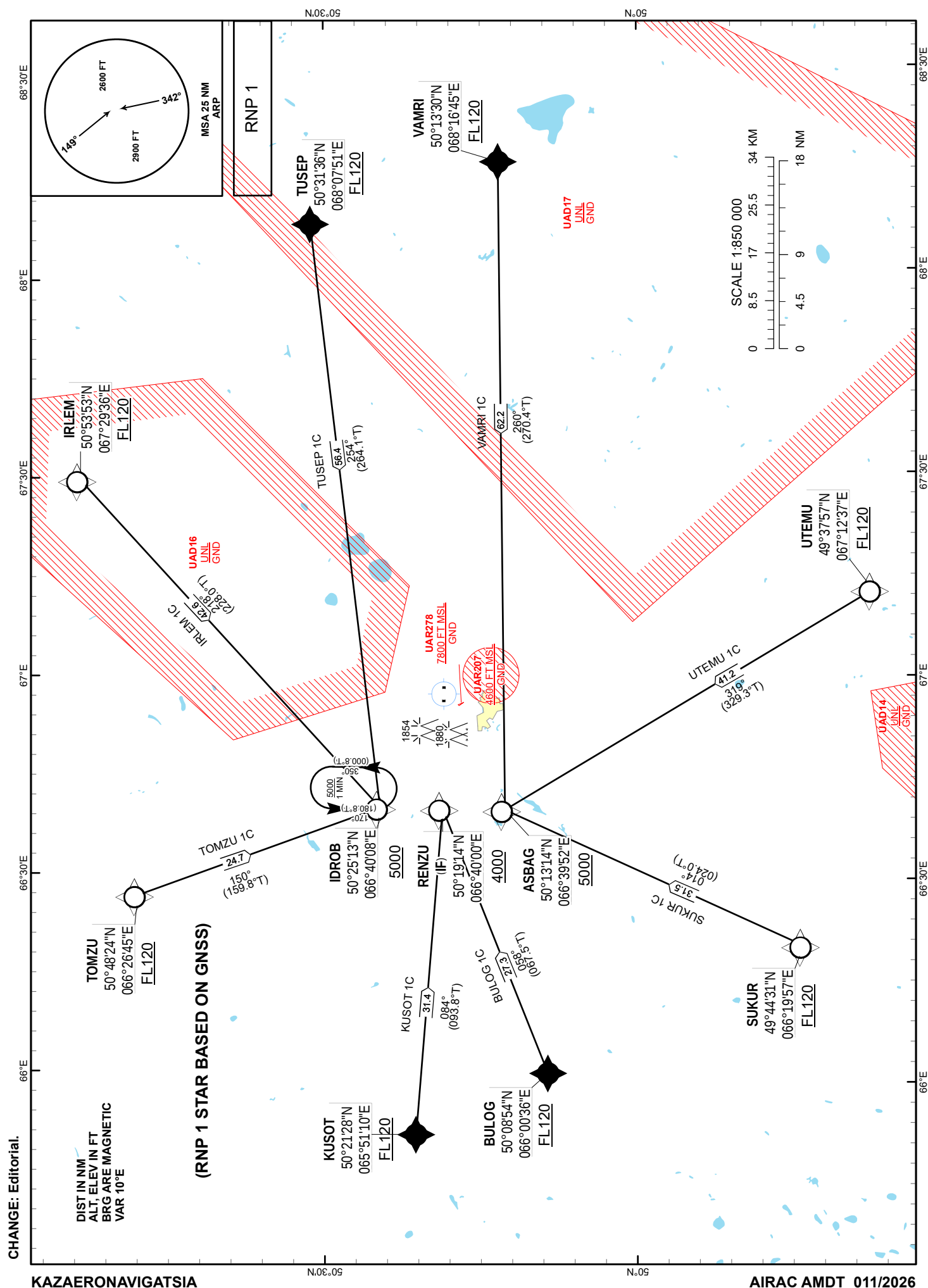
KUSOT 1E

After take-off climb straight ahead to 1900FT or above. At 1.5NM ARK, LEFT on track 224° until intercept R263°ARK, then proceed on track 263° to KUSOT (R263.3° D45.0NM ARK).
Cross KUSOT at FL120 or above.

TOMZU 1E

After take-off climb straight ahead to 1900FT or above. At 1.5NM ARK, LEFT on track 273° until intercept R313°ARK, then proceed on track 313° to TOMZU (R313.3° D36.7NM ARK).
Cross TOMZU at FL120 or above.

ARKALYK
RWY 08



TABULAR DESCRIPTION											RWY08
BULOG 1C											
Serial Number	Path Descriptor	Waypoint Identifier	Fly - over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA (°)	Navigation Specification
010	IF	BULOG	-		+10.4	-	-	+FL120	-	-	RNP 1
020	TF	RENZU	-	058(067.5)	+10.4	27.3	-	+4000	-	-	RNP 1
IRLEM 1C											
Serial Number	Path Descriptor	Waypoint Identifier	Fly - over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA (°)	Navigation Specification
010	IF	IRLEM	-		+10.4	-	-	+FL120	-	-	RNP 1
020	TF	IDROB	-	218(228.0)	+10.4	42.6	-	+5000	-	-	RNP 1
KUSOT 1C											
Serial Number	Path Descriptor	Waypoint Identifier	Fly - over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA (°)	Navigation Specification
010	IF	KUSOT	-		+10.4	-	-	+FL120	-	-	RNP 1
020	TF	RENZU	-	084(093.8)	+10.4	31.4	-	+4000	-	-	RNP 1
SUKUR 1C											
Serial Number	Path Descriptor	Waypoint Identifier	Fly - over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA (°)	Navigation Specification
010	IF	SUKUR	-		+10.4	-	-	+FL120	-	-	RNP 1
020	TF	ASBAG	-	014(024.0)	+10.4	31.5	-	+5000	-	-	RNP 1
TOMZU 1C											
Serial Number	Path Descriptor	Waypoint Identifier	Fly - over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA (°)	Navigation Specification
010	IF	TOMZU	-		+10.4	-	-	+FL120	-	-	RNP 1
020	TF	IDROB	-	150(159.8)	+10.4	24.7	-	+5000	-	-	RNP 1
TUSEP 1C											
Serial Number	Path Descriptor	Waypoint Identifier	Fly - over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA (°)	Navigation Specification
010	IF	TUSEP	-		+10.4	-	-	+FL120	-	-	RNP 1
020	TF	IDROB	-	254(264.1)	+10.4	56.4	-	+5000	-	-	RNP 1
UTEMU 1C											
Serial Number	Path Descriptor	Waypoint Identifier	Fly - over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA (°)	Navigation Specification
010	IF	UTEMU	-		+10.4	-	-	+FL120	-	-	RNP 1
020	TF	ASBAG	-	319(329.3)	+10.4	41.2	-	+5000	-	-	RNP 1
VAMRI 1C											
Serial Number	Path Descriptor	Waypoint Identifier	Fly - over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA (°)	Navigation Specification
010	IF	VAMRI	-		+10.4	-	-	+FL120	-	-	RNP 1
020	CF	ASBAG	-	260(270.4)	+10.4	62.2	-	+5000	-	-	RNP 1

WAYPOINT COORDINATES		
WPT	COORD	
IDROB	502513.30N	0664007.50E
ASBAG	501314.10N	0663951.80E
BULOG	500854.00N	0660036.00E
RENZU	501913.66N	0663959.61E
IRLEM	505353.00N	0672936.00E
KUSOT	502128.00N	0655110.00E
SUKUR	494431.00N	0661957.00E
TOMZU	504824.00N	0662645.00E
TUSEP	503136.00N	0680751.00E
UTEMU	493757.00N	0671237.00E
VAMRI	501330.00N	0681645.00E

HOLDINGS								
Path Descriptor	Waypoint Identifier	Inbound Course °M (°T)	Time (MIN)	Turn Direction	Minimum Altitude	Maximum Altitude	Speed limit (KT)	Navigation Specification
Hold	IDROB	170 (180.8T)	1	L	5000FT	-	-	RNP 1

STANDARD ARRIVAL
CHART- INSTRUMENT
(STAR) - ICAO

TRANSITION ALTITUDE
10000 FT

ARKALYK TOWER 134.3

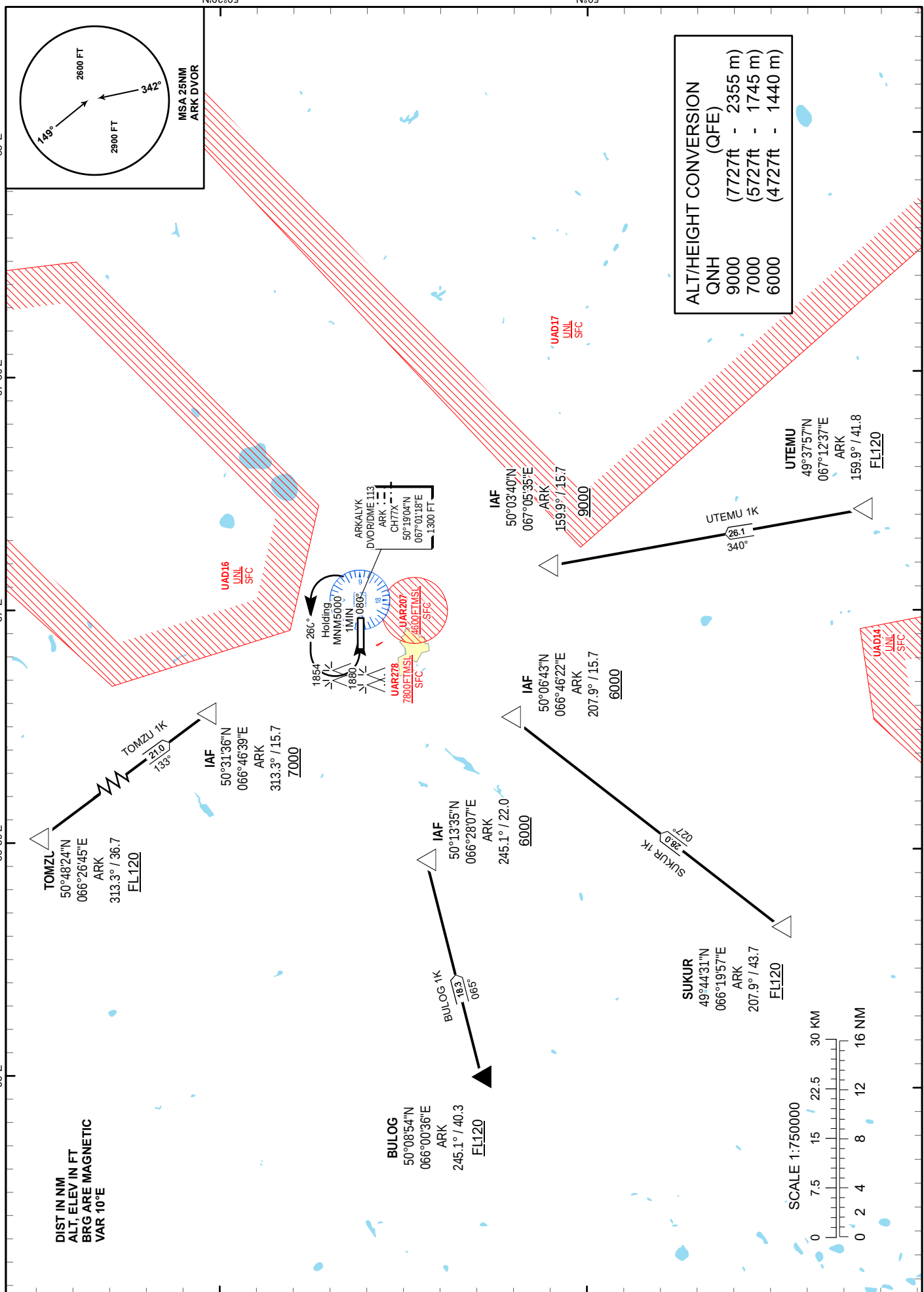
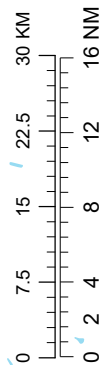
BULOG 1K, SUKUR 1K,
TOMZU 1K, UTEMU 1K

ARKALYK
RWY 08

Change: Editorial.

DIST IN NM
ALT, ELEV IN FT
BRG ARE MAGNETIC
VAR 10°E

SCALE 1:750000



Standard Arrival Routes Instrument (STAR) RWY 08

BULOG1K

After crossing BULOG (R245.1° D40.3NM ARK), proceed on track 245.1° to IAF. Cross BULOG at FL120 or above. Cross IAF at 6000 FT or above.

SUKUR1K

After crossing SUKUR (R207.9° D43.7NM ARK), proceed on track 207.9° to IAF. Cross SUKUR at FL120 or above. Cross IAF at 6000 FT or above.

UTEMU1K

After crossing UTEMU (R159.9° D41.8NM ARK), proceed on track 159.9° to IAF. Cross UTEMU at FL120 or above. Cross IAF at 9000 FT or above.

TOMZU1K

After crossing TOMZU (R313.3° D36.7NM ARK), proceed on track 313.3° to IAF. Cross TOMZU at FL120 or above. Cross IAF at 7000 FT or above.

STANDARD ARRIVAL
CHART- INSTRUMENT
(STAR) - ICAO

TRANSITION ALTITUDE
10000 FT

ARKALYK TOWER 134.3

IRLEM 1L, TUSEP 1L,
TOMZU 1L, UTEMU 1L

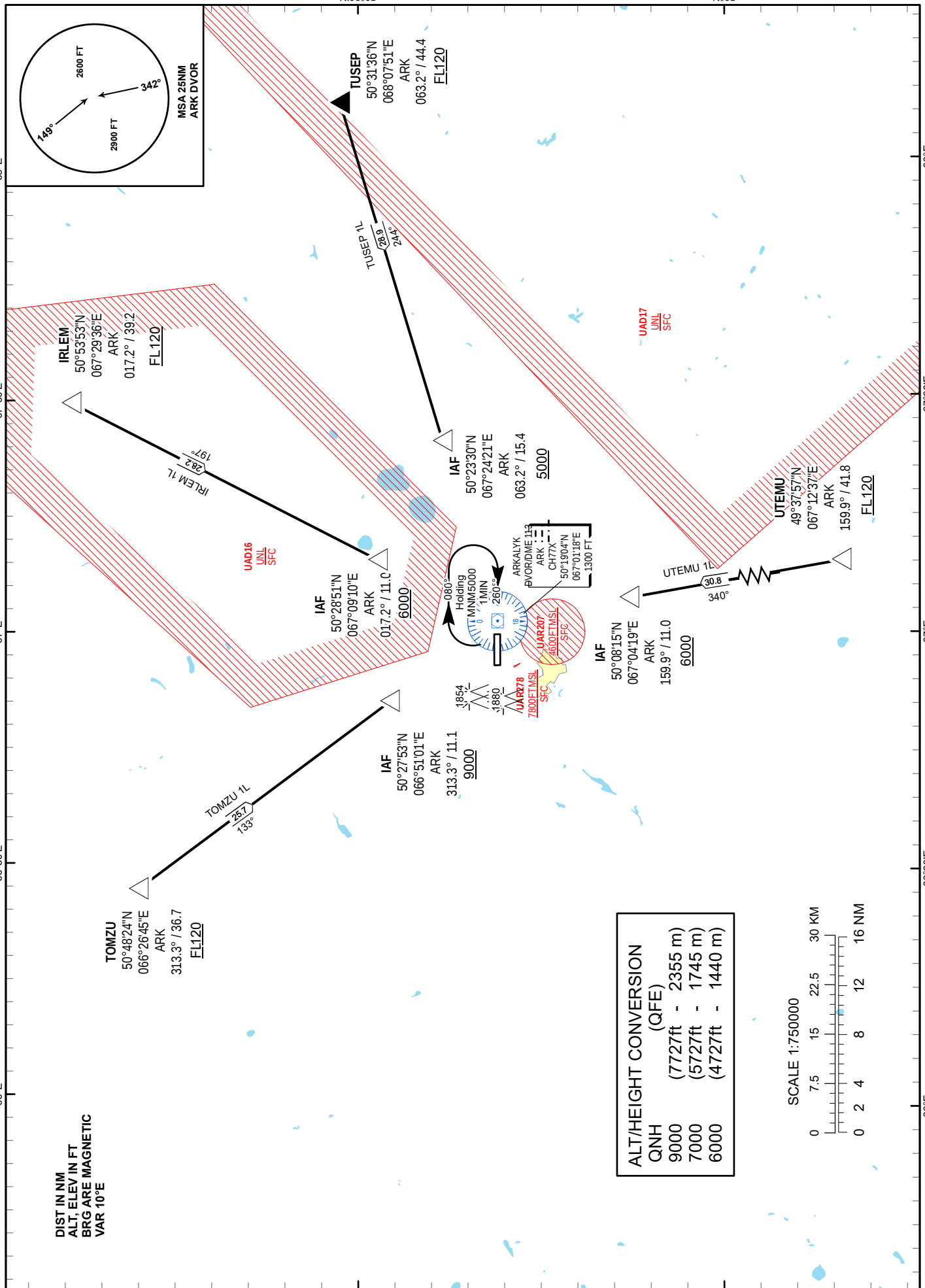
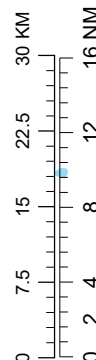
ARKALYK
RWY 26

Change: Editorial.

DIST IN NM
ALT, ELEV IN FT
BRG ARE MAGNETIC
VAR 10°E

ALT/HEIGHT CONVERSION (QFE)		
QNH		
9000	(7727ft -	2355 m)
7000	(5727ft -	1745 m)
6000	(4727ft -	1440 m)

SCALE 1:750000



Standard Arrival Routes Instrument (STAR) RWY 26

UTEMU1L

After crossing UTEMU (R159.9° D41.8NM ARK), proceed on track 159.9° to IAF. Cross UTEMU at FL120 or above. Cross IAF at 6000 or above.
--

TUSEP1L

After crossing TUSEP (R063.2° D44.4NM ARK), proceed on track 063.2° to IAF. Cross TUSEP at FL120 or above. Cross IAF at 5000 or above.
--

IRLEM1L

After crossing IRLEM (R017.2° D39.2NM ARK), proceed on track 017.2° to IAF. Cross IRLEM at FL120 or above. Cross IAF at 6000 or above.
--

TOMZU1L

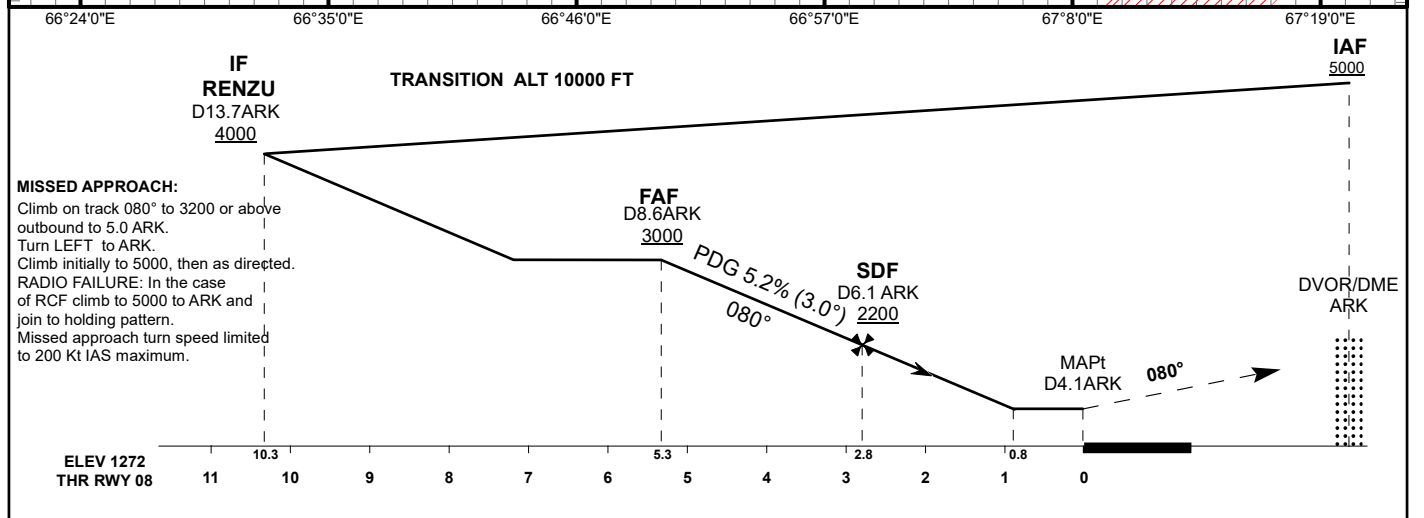
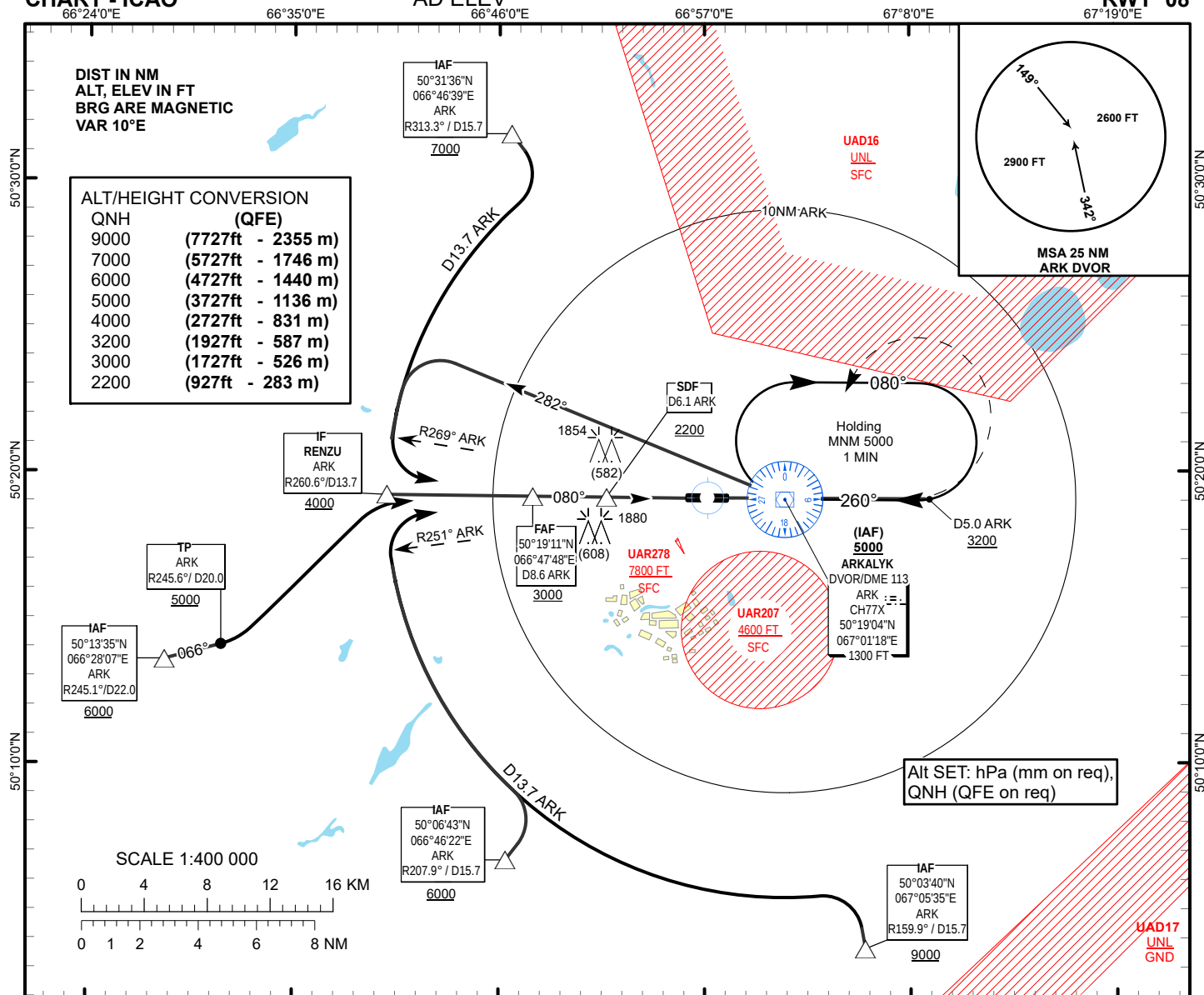
After crossing TOMZU (R313.3° D36.7NM ARK), proceed on track 313.3° to IAF. Cross TOMZU at FL120 or above. Cross IAF at 9000 or above.
--

INSTRUMENT
APPROACH
CHART - ICAO

AERODROME ELEV 1273 FT
HEIGHTS RELATED TO
AD ELEV

TOWER 134.3

ARKALYK
VOR/DME
RWY 08



Aircraft Category		A	B	C	D								
Straight-in Approach OCA/H	VOR/DME SDF	1610(330)				DIST THR	5.3	5	4	3	2	1	
	VOR/DME WO SDF	2130(850)				DME ARK	8.6	8.3	7.3	6.3	5.3	4.3	
						ALTITUDE	3000	2915	2595	2275	1955	1641	
						HEIGHT	(1727)	(1642)	(1322)	(1002)	(682)	(368)	
						GS	Kt	80	100	120	140	160	180
						Rate of descent (5.2%)	ft/min	420	530	640	740	850	950
						FAF-MAPT (5.3 NM)	min:sec	3:58	3:11	2:39	2:16	1:59	1:46

CHANGE: TP distance.

VOR/DME

AERONAUTICAL DATA TABULATION

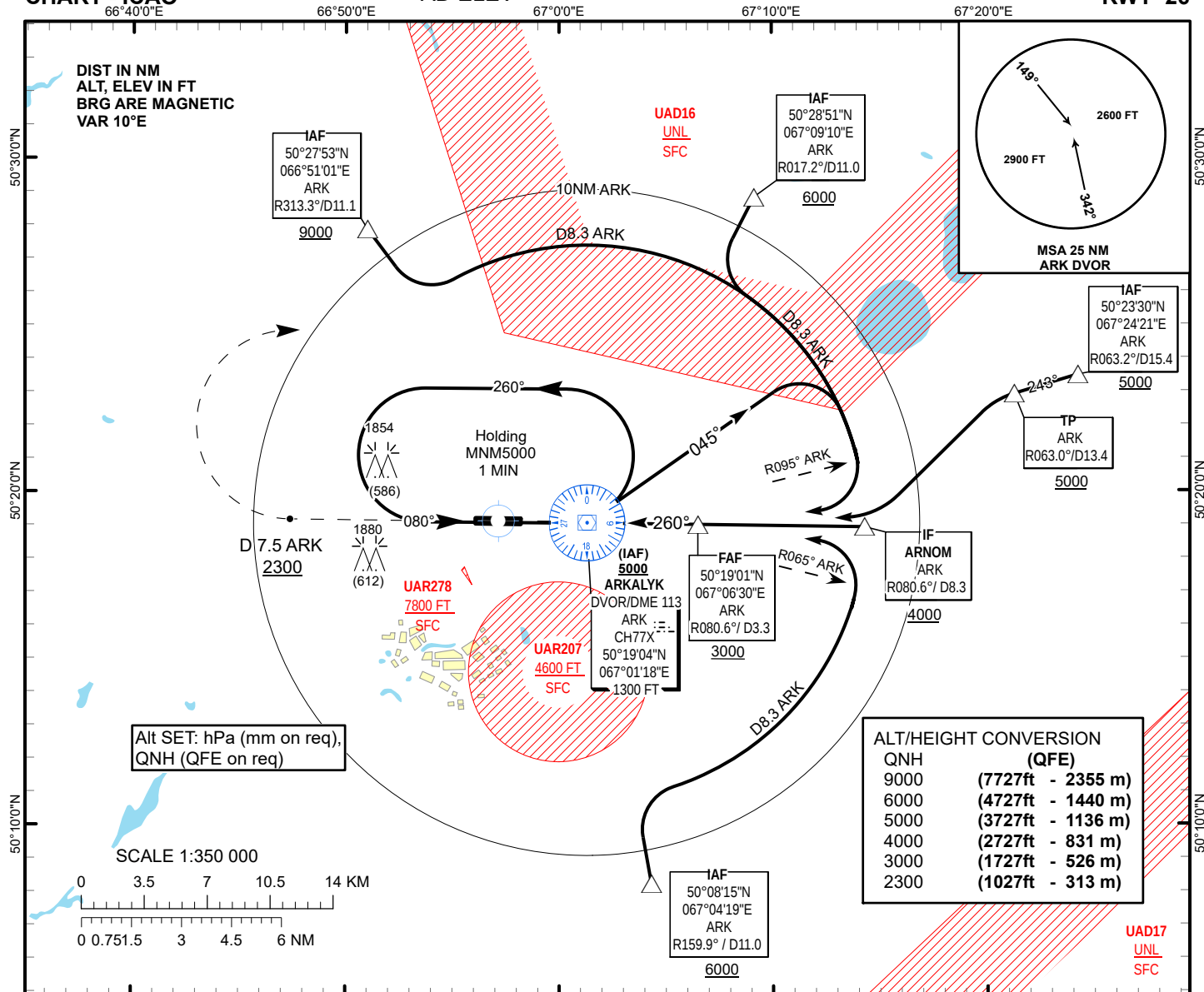
VOR/DME approach to RWY08 from ARK DVOR/DME	
Fix/point	Coordinates
ARK DVOR/DME	50° 19' 04.18"N 067° 01' 17.93"E
(FAF) D 8.6NM ARK	50° 19' 10.64"N 066° 47' 47.89"E
(SDF) D6.1NM ARK	50° 19' 10.02"N 066° 51' 45.02"E
RENU (IF) D13.7NM ARK	50° 19' 13.66"N 066° 39' 59.61"E
THR RWY 08	50° 19' 07.92"N 066° 56' 05.39"E
Final approach descent angle is 3°	

INSTRUMENT
APPROACH
CHART - ICAO

AERODROME ELEV 1273 FT
HEIGHTS RELATED TO
AD ELEV

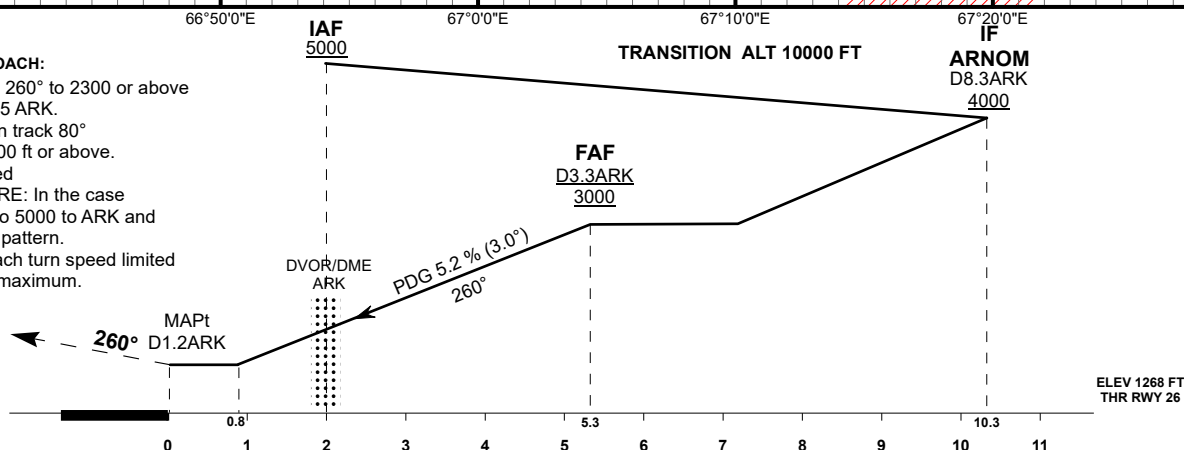
TOWER 134.3

ARKALYK
VOR/DME
RWY 26



MISSED APPROACH:

Climb on track 260° to 2300 or above
outbound to 7.5 ARK.
Turn RIGHT on track 80°
climbing to 5000 ft or above.
then as directed
RADIO FAILURE: In the case
of RCF climb to 5000 to ARK and
join to holding pattern.
Missed approach turn speed limited
to 200 Kt IAS maximum.



Aircraft Category		A	B	C	D
Straight-in Approach OCA/H	VOR/DME	1580(300)			
	OCA/H				

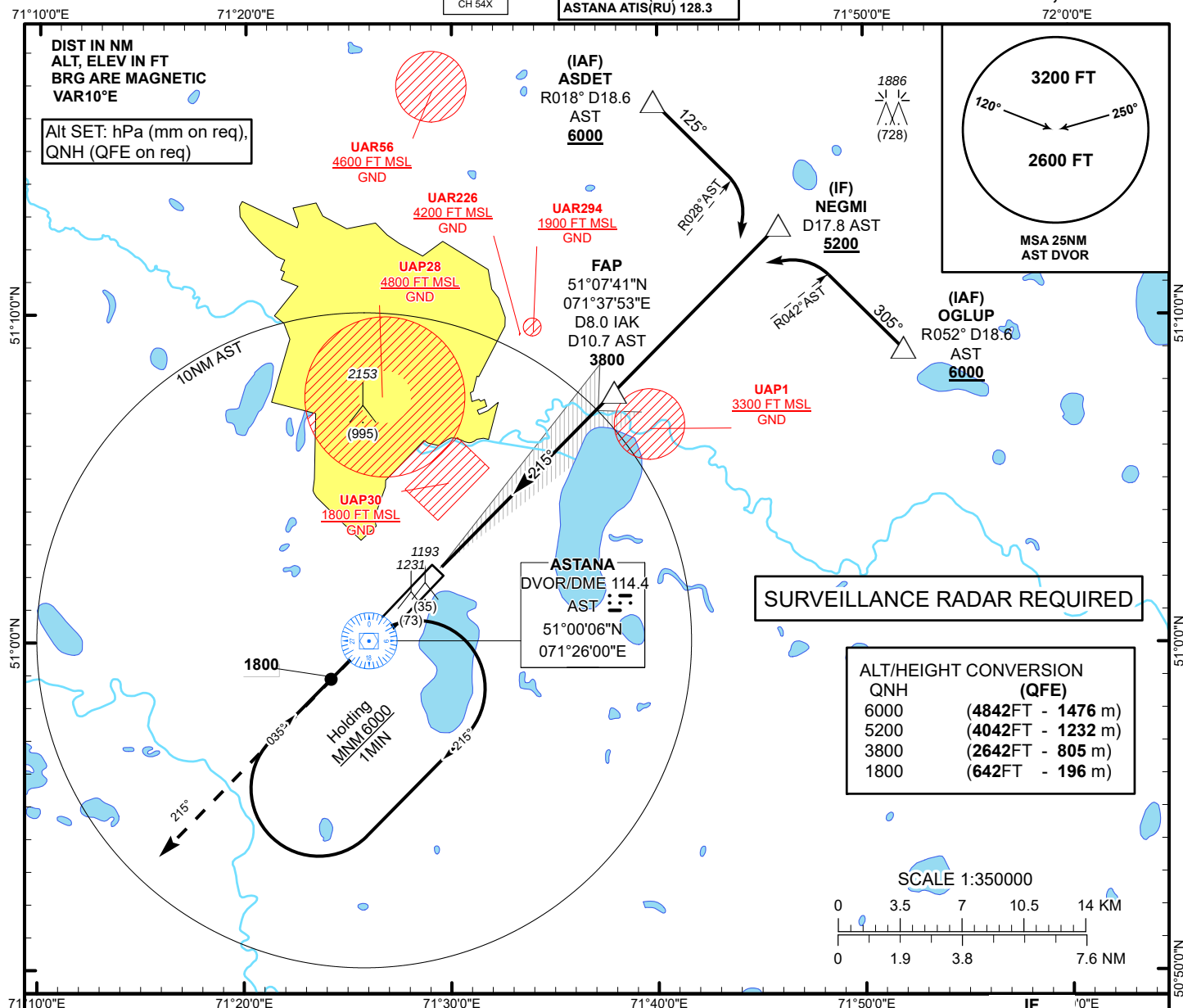
DIST THR	5.3	5	4	3	2	1
DME ARK	3.3	3	2	1	0	1
ALTITUDE	3000	2915	2595	2275	1955	1641
HEIGHT	(1727)	(1642)	(1322)	(1002)	(682)	(368)

GS	Kt	80	100	120	140	160	180
Rate of descent (5.2%)	ft/min	420	530	640	740	850	950
FAF-MAPT (5.3 NM)	min:sec	3:58	3:11	2:39	2:16	1:59	1:46

VOR/DME

AERONAUTICAL DATA TABULATION

VOR/DME approach to RWY26 from ARK DVOR/DME	
Fix/point	Coordinates
ARK DVOR/DME	50° 19' 04.18"N 067° 01' 17.93"E
ARNOM (IF) D8.3NM ARK	50° 18' 56.47"N 067° 14' 18.62"E
(FAF) D3.3NM ARK	50° 19' 01.27"N 067° 06' 30.43"E
THR RWY 26	50° 19' 06.84"N 066° 58' 11.77"E
Final approach descent angle is 3°	

INSTRUMENT
APPROACH
CHART - ICAOAERODROME ELEV **1166FT**
HEIGHTS RELATED TO
THR RWY 22 - ELEV **1158FT**ILS
LLZ 111.7
IAK
GP 333.5
CH 54XASTANA TOWER 135.5
ASTANA APPROACH 124.6
ASTANA RADAR 120.7
ASTANA GROUND 119.6
ASTANA ATIS(EN) 129.5
ASTANA ATIS(RU) 128.3ASTANA/NURSULTAN NAZARBAYEV
INTERNATIONAL AIRPORT
ILS/DME Y CAT II, III RWY 22

MISSED APPROACH

Climb on track 215° to 4000ft. After climbing 1800ft radar vectoring will be provided.

RADIO FAILURE:
In case of RCF climb on track 215° to 2400ft or above.
Outbound to D6.7 NM AST, turn RIGHT to AST.
Climb to 6000 ft to AST and join to holding pattern.
Missed approach turn speed limited to 240kt IAS maximum.

DVOR/DME
ASTILS RDH 54
ELEV 1158
THR RWY 22TRANSITION ALT
10000(IF) NEGMI
AST D17.8
IAK D15.1
5200FAP
IAK D8.0
AST D10.7
3800

GP 3.0°

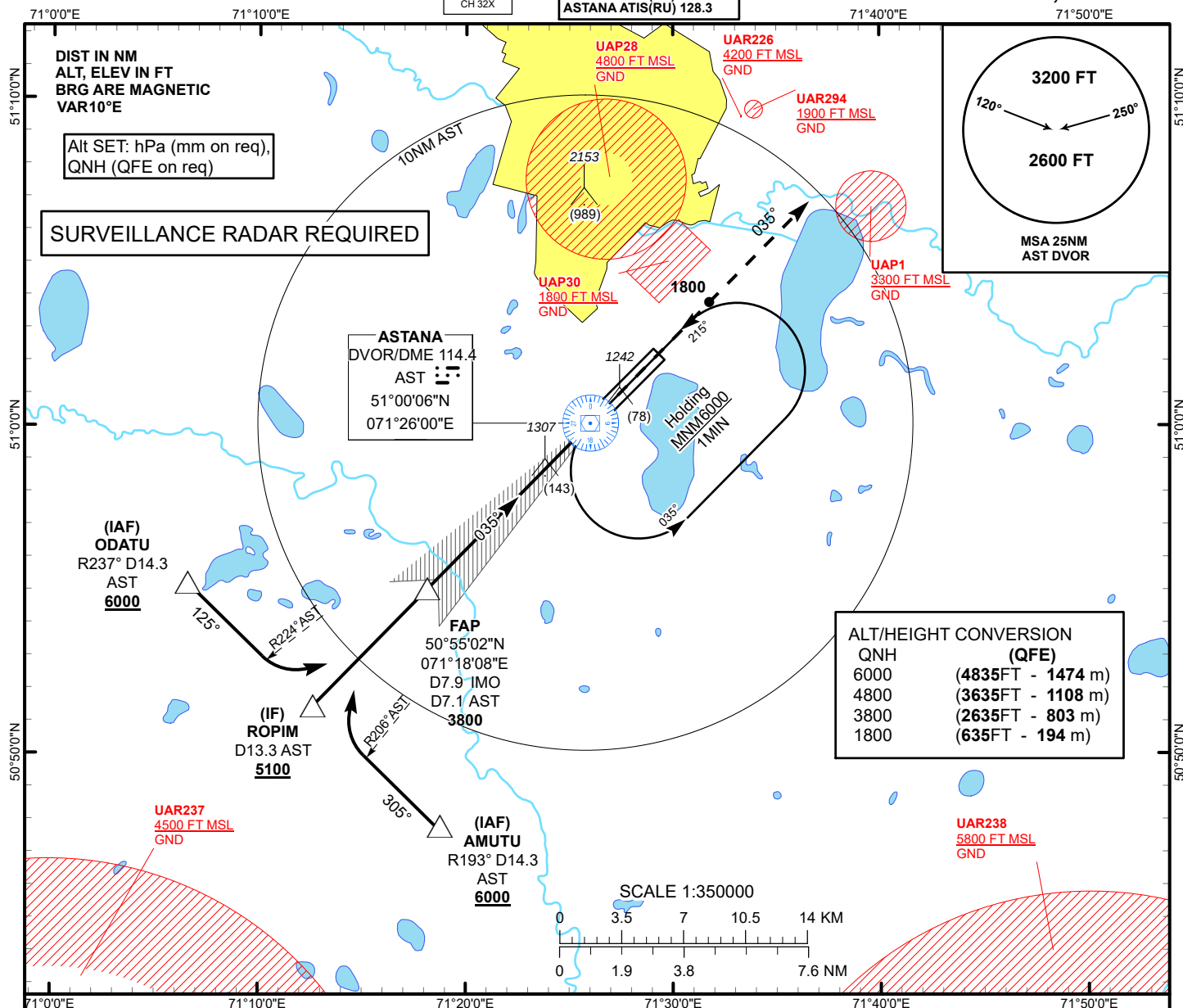
215°

Aircraft Category		A	B	C	D	THR - DME IAK	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
Straight-in Approach OCA/H	CAT I	1360(200)	1360(200)	1360(200)	1360(200)	DME AST	3.7	4.7	5.7	6.7	7.7	8.7	9.7	10.7
	CAT II	1260(100)	1260(100)	1260(100)	1263(103)	ALTITUDE	1531	1852	2175	2499	2826	3154	3484	3800
	CAT III	CAT III approved				HEIGHT	373	694	1017	1341	1668	1996	2326	2642
DME IAK ZERO RANGED TO THR RWY 22														
Aerodrome Operating Minima DH ft x RVR(CMV)	CAT I													
	CAT II													
	CAT III					GS		Kt	80	100	120	140	160	180
						Rate of descent		ft/min	420	530	630	740	840	950

ASTANA
ILS/DME Y CAT II, III

AERONAUTICAL DATA TABULATION

ILS approach to RWY22 from NEGMI, ASDET, OGLUP	
Fix/point	Coordinates
AST DVOR/DME	51° 00' 05.6"N 071° 26' 00.4"E
IAK D8.0 AST D10.7 (FAP)	51° 07' 40.9"N 071° 37' 52.9"E
NEGMI (IF) AST D17.8	51° 12' 45.3"N 071° 45' 52.6"E
ASDET (IAF) R018°AST D18.6 AST	51° 16' 33.4"N 071° 39' 46.4"E
OGLUP (IAF) R052°AST D18.6 AST	51° 08' 57.3"N 071° 51' 58.1"E
THR RWY 22	51° 02' 01.65"N 071° 29' 01.44"E
IAK LOC	51° 00' 18.8"N 071° 26' 21.0"E

INSTRUMENT
APPROACH
CHART - ICAOAERODROME ELEV **1166FT**
HEIGHTS RELATED TO
THR RWY 04 - ELEV **1165FT**ILS
LLZ 109.5
IMO
GP 332.6
CH 32XASTANA TOWER 135.5
ASTANA APPROACH 124.6
ASTANA RADAR 120.7
ASTANA GROUND 119.6
ASTANA ATIS(EN) 129.5
ASTANA ATIS(RU) 128.3ASTANA/NURSULTAN NAZARBAYEV
INTERNATIONAL AIRPORT
ILS/DME Y CAT II, III RWY 04IF
ROPIM
D13.3 AST
5100TRANSITION ALT
10000FAP
D7.9 IMO
D7.1 AST
3800

MISSED APPROACH

Climb on track 035° to 4000 ft. After climbing 1800ft radar
vectoring will be provided.

RADIO FAILURE:

In case of RCF climb on track 035° to 2100 ft or above
outbound to D5.4 NM AST, turn RIGHT to AST. Climb to
6000 ft to AST and join to holding pattern.

Missed approach turn speed limited to 240kt IAS maximum.

DVOR/DME
AST

GP 3.0°

035°

ILS RDH 54
ELEV 1165
THR RWY 04

Aircraft Category		A	B	C	D	THR - DME IMO	7.9	7.0	6.0	5.0	4.0	3.0	2.0	1.0
Straight-in Approach OCA/H	CAT I	1365(200)	1365(200)	1365(200)	1365(200)	DME AST	7.1	6.2	5.2	4.2	3.2	2.2	1.2	0.2
	CAT II	1265(100)	1265(100)	1265(100)	1265(100)	ALTITUDE	3800	3491	3161	2833	2506	2182	1859	1538
	CAT III	CAT III approved				HEIGHT	2635	2326	1996	1668	1341	1017	694	373
DME IMO ZERO RANGED TO THR RWY 04														
Aerodrome Operating Minima DH ft x RVR (CMV)	CAT I													
	CAT II													
	CAT III					GS		Kt	80	100	120	140	160	180
						Rate of descent		ft/min	420	530	630	740	840	950

ASTANA
ILS/DME Y CAT II, III

AERONAUTICAL DATA TABULATION

ILS approach to RWY04 from AST VOR, ROPIM, ODATU, AMUTU	
Fix/point	Coordinates
AST DVOR/DME	51° 00' 05.6"N 071° 26' 00.4"E
IMO D7.9 AST D7.1 (FAP)	50° 55' 01.6"N 071° 18' 08.2"E
ROPIM (IF) AST D13.3	50° 50' 38.0"N 071° 11' 20.0"E
ODATU (IAF) R237°AST D14.3 AST	50° 54' 26.7"N 071° 05' 18.1"E
AMUTU (IAF) R193°AST D14.3 AST	50° 46' 49.0"N 071° 17' 20.9"E
THR RWY 04	51° 00' 40.87"N 071° 26' 55.41"E
IMO LOC	51° 02' 24.7"N 071° 29' 37.4"E

UAAH AD 2

Note: The following sections in this chapter are intentionally left blank: AD-2.10, AD-2.16, AD-2.21

UAAH AD 2.1 Aerodrome Location Indicator And Name

UAAH - BALKHASH

UAAH AD 2.2 Aerodrome Geographical And Administrative Data

1	ARP coordinates and site at AD	465339N 0750016E At the centre of RWY
2	Direction and distance from (city)	21°, 3.8NM of Balkhash center
3	Elevation/Reference temperature	1447 FT/27° C
4	Geoid undulation at AD ELEV PSN	-149 FT
5	MAG VAR/Annual Change	7° E (2023) / 0.02°
6	AD Administration, address, telephone, telefax, telex, e-mail address, AFS, website address	Post: Authority of Airport LLC "Balkhash Airport", Parkovaya str., 8/4 building, 100300 Balkhash, Republic of Kazakhstan Phone: +7 (71036) 75505 Phone: +7 (71036) 75500 Phone: +7 (71036) 75090 Phone: +7 (71036) 75818 AFS: UAAHAPDU Email: air_port_balhash@mail.ru
7	Types of traffic permitted (IFR/VFR)	IFR-VFR
8	Remarks	Joint aerodrome with state aviation

UAAH AD 2.3 Operational Hours

1	AD Operator	ANY 04:00 - 13:00 UTC
2	Customs and immigration	Nil
3	Health and sanitation	ANY 04:00 - 13:00 UTC
4	AIS Briefing Office	Nil
5	ATS Reporting Office (ARO)	ANY 04:00 - 13:00 UTC Phone: +7 (7212) 496 641
6	MET Briefing Office	HO Phone: +7 (71036) 40401
7	ATS	ANY 04:00 - 13:00 UTC Phone: +7 (71036) 40720
8	Fuelling	ANY 04:00 - 13:00 UTC
9	Handling	ANY 04:00 - 13:00 UTC
10	Security	H24 Phone: +7 (71036) 75818
11	De-icing	Nil

12	Remarks	Nil
----	---------	-----

UAAH AD 2.4 Handling Services And Facilities

1	Cargo-handling facilities	Nil
2	Fuel/oil types	TS-1, RT
3	Fuelling facilities/capacity	1 tanker (7500 liters)
4	De-icing facilities	AVBL
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

UAAH AD 2.5 Passenger Facilities

1	Hotels	City hotel
2	Restaurants	In the city Balkhash
3	Transportation	Taxis
4	Medical facilities	Aid post at Airport Terminal, ambulance service, hospitals in the city Balkhash
5	Bank and Post Office	In the city Balkhash
6	Tourist Office	In the city Balkhash
7	Remarks	Nil

UAAH AD 2.6 Rescue And Fire Fighting Services

1	AD category for fire fighting	CAT A5
2	Rescue equipment	2 fire trucks with a total capacity of the fire extinguishing composition of 16000kg
3	Capability for removal of disabled aircraft	Nil
4	Remarks	Nil

UAAH AD 2.7 Seasonal Availability - Clearing

1	Types of clearing equipment	1 rotors, 1 tractor, 4 plow and brush equipment, 1 heat engine
2	Clearance priorities	1. RWY 2. TWY 3. Stands
3	Remarks	(Seasonal availability: All seasons, caution advised in winter during snow conditions)

UAAH AD 2.8 Aprons, Taxiways And Check Locations/Positions Data

1	Apron surface and strength	STANDS		SURFACE	STRENGTH
		1-7		CONC	PCN 51/R/B/X/T
2	Taxiway width, surface and strength	TWY	WIDTH (M)	SURFACE	STRENGTH
		1	23 M	CONC	PCN 45/R/A/X/T
		2	23 M	CONC	PCN 51/R/B/X/T
		3	20 M	CONC	PCN 45/R/A/X/T
		4	20 M	CONC	PCN 45/R/A/X/T
		MAIN from TWY 1 to TWY 2	23 M	CONC	PCN 45/R/A/X/T
		MAIN from TWY 2 to TWY 4	20 M	CONC	PCN 45/R/A/X/T
3	Altimeter checkpoint location and elevation	Nil			
4	VOR checkpoints	Nil			
5	INS checkpoints	Nil			
6	Remarks	Nil			

UAAH AD 2.9 Surface Movement Guidance And Control System And Markings

1	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	Guidance sign board at entrance of RWYs, guidance sign designating taxiways
2	RWY and TWY markings and LGT	Markings of thresholds, touchdown zones, centre line, fixed distance markers, RWY edges, RWY designations, taxi holding positions, taxiway centre lines
3	Stop bars	Nil
4	Other runway protection measures	Nil
5	Remarks	Nil

UAAH AD 2.10 Aerodrome Obstacles

NIL

UAAH AD 2.11 Meteorological Information Provided

1	Associated MET Office	Meteorological service Balkhash Phone: +7 (71036) 40401
2	Hours of service MET Office outside hour	HO
3	Office responsible for TAF preparation: Periods of validity	Meteorological service Balkhash, 9 HR (0312, 0615, 0918, 1221)
4	Trend forecast Interval of issuance	TREND 30 min
5	Briefing/consultation provided	Personal consultation (Russian)
6	Flight documentation/languages used	TAF, METAR, SPECI, SIGMET, GAMET, AIRMET English

7	Charts and other information AVBL for briefing or consultation	S, U85, U70, U50, U40, U30, U25, U20, prognostic charts of wind and temperature at flight levels (FL), max wind, T, prognostic charts P85, P70, P50, P40, P30, P25, P20, SWH, SWM of WAFC, SWM+SWH, SWL of Kazakhstan;
8	Supplementary equipment AVBL for providing information	Nil
9	ATS units provided with information	Karaganda Regional Briefing Office, TWR
10	Additional information	Nil

UAAH AD 2.12 Runway Physical Characteristics

Designation s RWY NR	TRUE BRG	Dimension s of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coordinates RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY	Slope of RWY-SWY
1	2	3	4	5	6	7
04	51.82°	2503 X 42	45/R/A/X/T/ CONC	465314.28N 0745929.84E - -149.3 FT	THR 1384.8 FT	Nil
22	231.84°	2503 X 42	45/R/A/X/T/ CONC	465404.38N 0750102.81E - -149.3 FT	THR 1446.5 FT	Nil

SWY dimensions (M)	CWY dimension s (M)	Strip dimensions (M)	RESA dimensions (M)	Location and description of arresting system	OFZ	Remarks
8	9	10	11	12	13	14
Nil	400 X 160	2803 X 300	90 X 150	Nil	Nil	No runway turn pads available
Nil	400 X 160	2803 X 300	90 X 150	Nil	Nil	No runway turn pads available

UAAH AD 2.13 Declared Distances

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
04	2503	2903	2503	2503	Nil
22	2503	2903	2503	2503	Nil

UAAH AD 2.24 Charts Related To An Aerodromem

Name	Page
Aerodrome Chart ICAO	UAAH AD 2.24.1-1
Aerodrome Ground Movement and Parking Chart ICAO	UAAH AD 2.24.3-1
Aerodrome Obstacle Chart – ICAO – Type A	UAAH AD 2.24.4-1
Standard Departure Chart Instrument (SID) RWY 04 ICAO	UAAH AD 2.24.7-1-1
Standard Departure Chart Instrument (SID) RWY 22 ICAO	UAAH AD 2.24.7-2-1
Standard Departure Chart Instrument (SID) RNAV RWY 04 ICAO	UAAH AD 2.24.7-3-1
Standard Departure Chart Instrument (SID) RNAV RWY 22 ICAO	UAAH AD 2.24.7-4-1
Standard Arrival Chart Instrument (STAR) RWY 04 ICAO	UAAH AD 2.24.9-1-1
Standard Arrival Chart Instrument (STAR) RWY 22 ICAO	UAAH AD 2.24.9-2-1
Standard Arrival Chart Instrument (STAR) RNAV RWY 04 ICAO	UAAH AD 2.24.9-3-1
Standard Arrival Chart Instrument (STAR) RNAV RWY 22 ICAO	UAAH AD 2.24.9-4-1
ATC Surveillance Minimum Altitude Chart ICAO	UAAH AD 2.24.10-1
Instrument Approach Chart – VOR/DME RWY 04 ICAO	UAAH AD 2.24.11-1-1
Instrument Approach Chart – VOR/DME RWY 22 ICAO	UAAH AD 2.24.11-2-1
Instrument Approach Chart – RNP RWY 04 ICAO	UAAH AD 2.24.11-3-1
Instrument Approach Chart – RNP RWY 22 ICAO	UAAH AD 2.24.11-4-1
Visual Approach chart – ICAO	UAAH AD 2.24.12-1
VFR Departure/Arrival Chart	UAAH AD 2.24.14-1

UAAH AD 2.25 Visual segment surface (VSS) penetrations

No penetrations

THIS PAGE INTENTIONALLY LEFT BLANK

UASW AD 2

Note: The following sections in this chapter are intentionally left blank: AD-2.10, AD-2.16, AD-2.20, AD-2.21, AD-2.22, AD-2.23

UASW AD 2.1 Aerodrome Location Indicator And Name

UASW - KATON-KARAGAY

UASW AD 2.2 Aerodrome Geographical And Administrative Data

1	ARP coordinates and site at AD	491043N 0851458E At the centre of RWY
2	Direction and distance from (city)	28km of Ust- Kamenogorsk center
3	Elevation/Reference temperature	3400 FT/19° C
4	Geoid undulation at AD ELEV PSN	-141 FT
5	MAG VAR/Annual Change	5° (2025)/0.02°
6	AD Administration, address, telephone, telefax, telex, AFS	Post: Authority of Airport 070009 Ust- Kamenogorsk, JSC "Ust-Kamenogorsk Airport" st. Bazhova 566 Republic of Kazakhstan Phone: +7 (7232) 778100 Fax: +7 (7232) 778100 AFS: UASKAPDU URL: www.airport-uk.kz
7	Types of traffic permitted (IFR/VFR)	IFR-VFR
8	Remarks	Nil

UASW AD 2.3 Operational Hours

1	AD Operator	See NOTAM
2	Customs and immigration	HO Phone: +7 (7232) 778935
3	Health and sanitation	HO Phone: +7 (7232) 778129
4	AIS Briefing Office	HO
5	ATS Reporting Office (ARO)	HO Phone: +7 (7232) 293441 H24
6	MET Briefing Office	Phone: +7 (7232) 293483
7	ATS	See NOTAM
8	Fuelling	HO Phone: +7 (7232) 779228
9	Handling	HO
10	Security	H24

11	De-icing	HO Phone: +7 (7232) 778 662
12	Remarks	Nil

UASW AD 2.4 Handling Services And Facilities

1	Cargo-handling facilities	Handling up to 10 tonnes weight
2	Fuel/oil types	TS-1, RT/ Nil
3	Fuelling facilities/capacity	The maximum amount of fuel 10,000 liters 2 fuel tanker 20000, 1000 l/min
4	De-icing facilities	De-icing Machine liquid - 1 unit
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

UASW AD 2.5 Passenger Facilities

1	Hotels	In the city Katon-Karagay
2	Restaurants	AVBL in airport terminal
3	Transportation	Buses, taxis
4	Medical facilities	Aid post at Airport Terminal, ambulance service, hospitals in Katon-Karagay
5	Bank and Post Office	In the city Katon-Karagay, in the airport bank ATM
6	Tourist Office	In the city Katon-Karagay
7	Remarks	Nil

UASW AD 2.6 Rescue And Fire Fighting Services

1	AD category for fire fighting	CAT A6
2	Rescue equipment	3 fire engines, technical and medical kit
3	Capability for removal of disabled aircraft	Removal of disabled aircraft without damage to the landing gear is available. Towing cables and tow bars for E190, CRJ200, AN-24 and Yak-40 aircraft are available. A pneumatic wheeled boom crane with a lifting capacity of up to 35 tonnes is available in accordance with the coordination procedures with the Emergency Situations Department of East Kazakhstan Region. Estimated arrival time: +12 HR. Phone: +7 (7232) 778662 Phone: +7 (7232) 779229 Email: aviaukk.kanc@bk.ru
4	Remarks	Nil

UASW AD 2.7 Seasonal Availability - Clearing

1	Types of clearing equipment	snow plow-brush machine and augers, tractors with plow-brush attachments, front loaders, 1 trailer spreader of granular reagent. To remove ice from airfield coverings, the de-icing granular reagent "Green Way" is used Clearance priorities: 1. RWY 2. TWY 3. Stands
2	Clearance priorities	Clearance priorities: 1. RWY 2. TWY 3. Stands
3	Remarks	Nil

UASW AD 2.8 Aprons, Taxiways And Check Locations/Positions Data

1	Apron surface and strength	STANDS		SURFACE	STRENGTH
		1-6		CONC+ASPH	PCN 28 /F/C/X/T
2	Taxiway width, surface and strength	TWY	WIDTH (M)	SURFACE	STRENGTH
		A	16	CONC+ASPH	PCN 28 /F/C/X/T
3	Altimeter checkpoint location and elevation	Nil			
4	VOR checkpoints	Nil			
5	INS checkpoints	Nil			
6	Remarks	Nil			

UASW AD 2.9 Surface Movement Guidance And Control System And Markings

1	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	Runway designation signs, taxiway designation signs and apron taxi routing markings are provided.
2	RWY and TWY markings and LGT	RWY: threshold, touchdown zone, centre line, fixed distance, edge and designation markings. TWY: taxi-holding position, centre line and edge line markings.
3	Stop bars	Nil
4	Other runway protection measures	Nil
5	Remarks	Follow-me service is provided at the aerodrome.

UASW AD 2.10 Aerodrome Obstacles

NIL

UASW AD 2.11 Meteorological Information Provided

1	Associated MET Office	Meteorological service Ust-Kamenogorsk Phone: +7 (7232) 293483
2	Hours of service MET Office outside hour	H24

29 OCT 2026

3	Office responsible for TAF preparation: Periods of validity	Meteorological service Ust-Kamenogorsk, 9 HR: 0009, 0312, 0615, 0918, 1221, 1524, 1803, 2106.
4	Trend forecast Interval of issuance	TREND 30 min
5	Briefing/consultation provided	Personal consultation
6	Flight documentation/languages used	TAF, METAR, SPECI, SIGMET, GAMET, AIRMET English
7	Charts and other information AVBL for briefing or consultation	Surface analysis; AT850, AT700, AT500, AT400, AT300, AT250, AT200; prognostic charts of wind and temperature at flight levels (FL); maximum wind; tropopause; prognostic charts P850, P700, P500, P400, P300, P250, P200; SWH, SWM (WAFC), SWL Kazakhstan.
8	Supplementary equipment AVBL for providing information	Doppler weather radar
9	ATS units provided with information	Briefing, KATON -TWR
10	Additional information	Nil

UASW AD 2.12 Runway Physical Characteristics

Designations RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coordinates RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY	Slope of RWY-SWY
1	2	3	4	5	6	7
08	087.30	2200 X 35	28 /F/C/X/T CONC+ASPH	491041.46N 0851404.64E - 141.0 FT	THR 3390 FT	6%
26	267.30	2200 X 35	28 /F/C/X/T CONC+ASPH	491044.84N 0851552.90E - 141.0 FT	THR 3391 FT	7%

SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimension s (M)	Location and description of arresting system	OFZ	Remarks
8	9	10	11	12	13	14
Nil	240 X 150	2500 X 300	90 X 150	Nil	Nil	Nil
Nil	240 X 150	2500 X 300	90 X 150	Nil	Nil	Nil

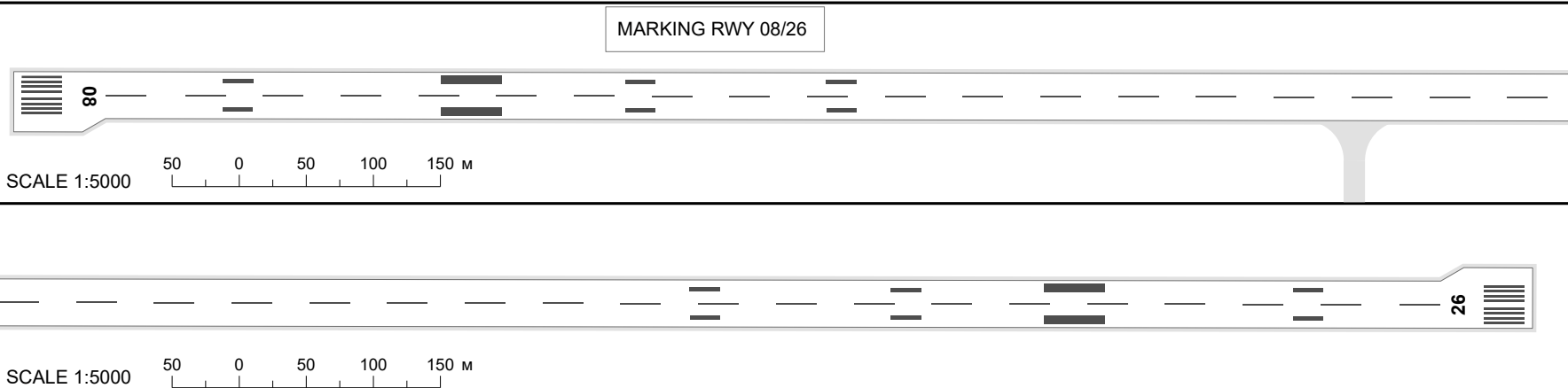
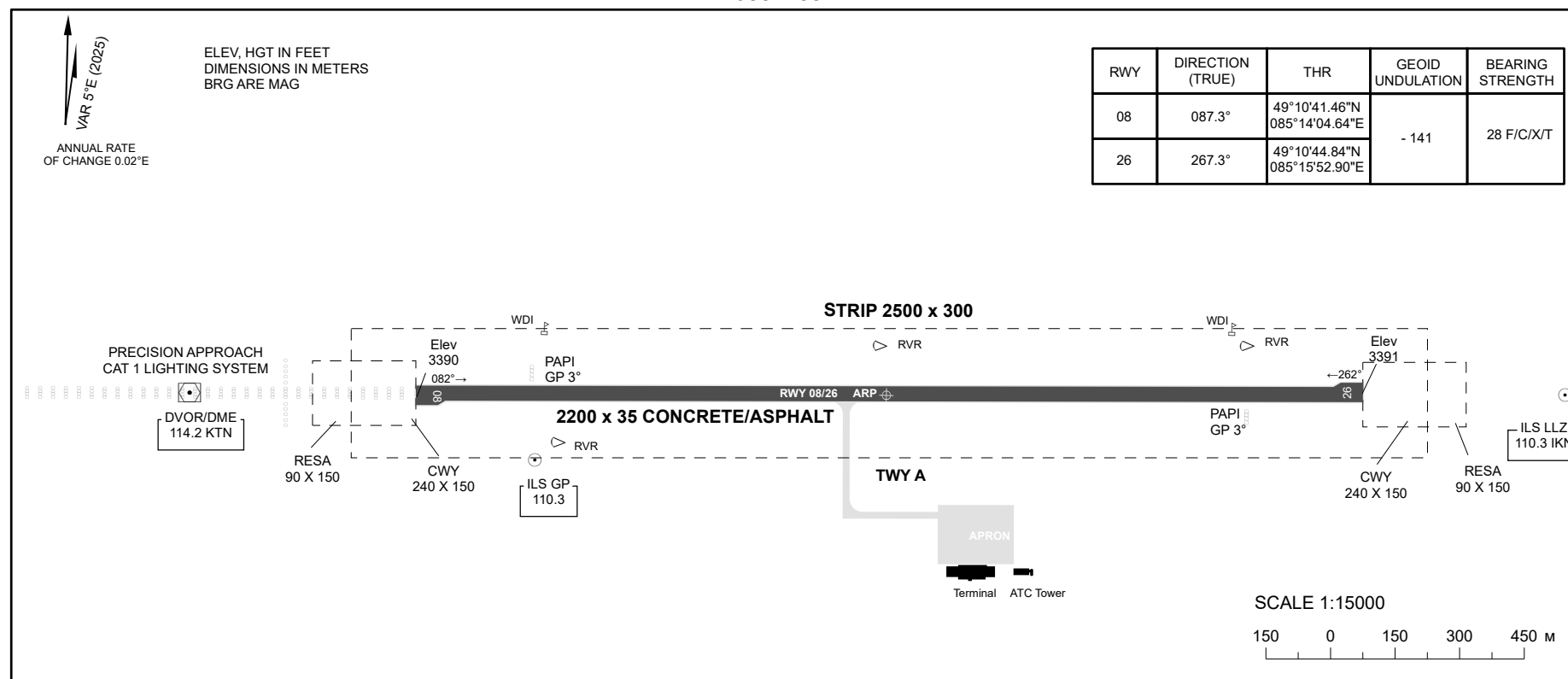
AERODROME CHART - ICAO

ARP 491043N
0851458E

TWR: 124.4

UASW AD 2.24.1 - 1
29 OCT 2026

KATON-KARAGAY



CHANGE: RWY 08/26 Marking; LLZ ID.

THIS PAGE INTENTIONALLY LEFT BLANK

UASP AD 2.8 Aprons, Taxiways And Check Locations/Positions Data

1	Apron surface and strength	STANDS		SURFACE	STRENGTH
		1,4		CONC+ASPH	PCN 51/F/C/X/T
		2,3		CONC+ASPH	PCN 32/F/C/X/T
		5		CONC+ASPH	PCN 26/F/C/Y/T
		6-8		CONC	PCN 14/R/B/X/T
		9		CONC+ASPH	PCN 28/F/C/Y/T
2	Taxiway width, surface and strength	TWY	WIDTH (M)	SURFACE	STRENGTH
		A	38	CONC+ASPH	PCN 53/F/C/X/T
3	Altimeter checkpoint location and elevation	Nil			
4	VOR checkpoints	Nil			
5	INS checkpoints	Nil			
6	Remarks	Nil			

UASP AD 2.9 Surface Movement Guidance And Control System And Markings

1	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	Guidance sign-boards at entrance of RWYs, guidance sign designating taxiways
2	RWY and TWY markings and LGT	Markings of thresholds, touchdown zones, centre line, fixed distance markers, RWY edges, RWY designations, taxi holding positions, taxiway centre lines
3	Stop bars	Nil
4	Other runway protection measures	Nil
5	Remarks	Nil

UASP AD 2.10 Aerodrome Obstacles

NIL

UASP AD 2.11 Meteorological Information Provided

1	Associated MET Office	Meteorological service Pavlodar Phone: +7 (7182) 491373
2	Hours of service MET Office outside hour	H24
3	Office responsible for TAF preparation: Periods of validity	Meteorological service Pavlodar, 9HR (0009, 0312, 0615, 0918, 1221, 1524, 1803, 2106)
4	Trend forecast Interval of issuance	TREND 30 min
5	Briefing/consultation provided	Personal consultation (Russian)
6	Flight documentation/languages used	TAF, METAR, SPECI, SIGMET, GAMET, AIRMET English
7	Charts and other information AVBL for briefing or consultation	S, U85, U70, U50, U40, U30, U25, U20, prognostic charts of wind and temperature at flight levels (FL), max wind, T, prognostic charts P85, P70, P50, P40, P30, P25, P20, SWH, SWM of WAFC, SWM+SWH, SWL of Kazakhstan;

8	Supplementary equipment AVBL for providing information	Doppler weather radar (WRM-200)
9	ATS units provided with information	Briefing, TWR
10	Additional information	Nil

UASP AD 2.12 Runway Physical Characteristics

Designation s RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coordinates RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY	Slope of RWY-SWY
1	2	3	4	5	6	7
03	42,66°	2500 X 45	68/F/C/X/T CONC+ASPH	521113.50N 0770339.41E - -125.7 FT	THR 382.9 FT	See AOC type A
21	222.68°	2500 X 45	68/F/C/X/T CONC+ASPH	521212.95N 0770508.58E - -125.7 FT	THR 410.4 FT	See AOC type A

SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)	Location and description of arresting system	OFZ	Remarks
8	9	10	11	12	13	14
Nil	150 X 160	2800 X 300	90 X 150	Nil	Nil	RWY 03 turn pad: length 100 m, width 75 m.
Nil	300 X 160	2800 X 300	90 X 150	Nil	Nil	RWY 21 turn pad: length 100 m, width 75 m.

UASP AD 2.13 Declared Distances

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
03	2500	2650	2500	2500	Nil
21	2500	2800	2500	2500	Nil
TWY A - 03	1176	1326	1176	Nil	Nil
TWY A - 21	1324	1624	1324	Nil	Nil

UASP AD 2.14 Approach And Runway Lighting

RWY Designator	APCH LGT type, LEN, INTST	THR LGT colour, WBAR	VASIS, (MEHT), PAPI	TDZ, LGT LEN	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour, WBAR	SWY LGT LEN, colour	Remarks
1	2	3	4	5	6	7	8	9	10
03	CAT I (HIALS) 900 M LIH	GRN Nil	PAPI LEFT/3°	Nil	Nil	2500m, spacing 60m, 0-1900m white, last 600m yellow LIH	RED Nil	Nil	Nil
21	CAT I (HIALS) 900 M LIH	GRN Nil	PAPI LEFT/3°	Nil	Nil	2500m, spacing 60m, 0-1900m white, last 600m yellow LIH	RED Nil	Nil	Nil

UASP AD 2.15 Other Lighting, Secondary Power Supply

1	ABN/IBN location, characteristics and hours of operation	Nil
2	LDI location and LGT Anemometer location and LGT	LDI: Nil Anemometer: 300m from RWY03, 400m from RWY21 The main point of observation, Auxiliary observation point, Lighting: Nil
3	TWY edge and centre line lighting	TWY A EDGE: BLU
4	Secondary power supply/switch-over time	AVAILABLE, 1sec
5	Remarks	Turning Bay Lights (U-turn) - Blue

UASP AD 2.16 Helicopter Landing Area

1	Coordinates TLOF or THR of FATO Geoid undulation	MC №5 521147.46N 0770411.67E 125 FT	MC №6 521146.77N 0770410.18E 125 FT	MC №9 521146.12N 0770413.63E 125 FT
2	TLOF and/or FATO elevation	411 FT	411 FT	411 FT
3	TLOF and FATO area dimensions, surface, strength, marking	28x24 m, CONC+ASPH, PCN 26/F/C/Y/T, marking	28x24 m, CONC+ASPH, PCN 14/R/B/X/T, no marking	28x24 m, CONC+ASPH, PCN 28/F/C/X/T, no marking
4	True BRG of FATO	034/214		
5	Declared distance available	Nil	Nil	Nil
6	APP and FATO lighting	Nil	Nil	Nil
7	Remarks	FATO/TLOF located on Apron Intended for aircraft arrivals and departures;	FATO/TLOF located on Apron Intended for aircraft arrivals and departures;	FATO/TLOF located on Apron Intended for aircraft arrivals and departures;

UASP AD 2.17 ATS Airspace

1	Designation and lateral limits	PAVLODAR CTR A circle radius 20 NM centered on 521235N 0770542E
2	Vertical limits	3000 FT ALT / GND
3	Airspace classification	C
4	ATS unit call sign Language(s)	PAVLODAR TOWER EN PAVLODAR VYSHKA RU
5	Transition altitude	10000 FT
6	Hours of applicability	See NOTAM
7	Remarks	Nil

UASP AD 2.18 ATS Communication Facilities

Service designation	Call sign	Frequency	SATVOICE number(s)	Logon address	Hours of operation	Remarks
1	2	3	4	5	6	7
TWR	PAVLODAR TOWER (EN) PAVLODAR VYSHKA (RU)	119,8 MHZ	Nil	Nil	See NOTAM	Nil

Service designation	Call sign	Frequency	SATVOICE number(s)	Logon address	Hours of operation	Remarks
1	2	3	4	5	6	7
ATIS	PAVLODAR ATIS (EN) PAVLODAR ATIS (RU)	134,6 MHZ 133,6 MHZ	Nil	Nil	As AD	ATIS information is being updated during AD working hours. Outside AD working hours ATIS information is not updated.

UASP AD 2.19 Radio Navigation And Landing Aids

Type of aid, MAG VAR, ILS Classification, Type of supported OP (for VOR/ILS/MLS, give declination)	ID	Frequency, Channel number	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Service volume radius from the GBAS reference point	Remarks
1	2	3	4	5	6	7	8
DVOR/DME (9°E/2013)	PVL	114 MHZ CH 87X	H24	521234.6N 0770542.1E	500 FT	Nil	Nil
ILS LOC 21 I/D/2	IPW	110.7 MHZ	H24	521054.5N 0770310.8E		Nil	Nil
GP 21 I/C/2		330.2 MHZ		521201.7N 0770504.4E			
DME	IPW	CH 44X		521201.7N 0770504.4E	400 FT		

UASP AD 2.20 Local Aerodrome Regulations**1. Movement procedure (towing, taxiing) of aircraft on the airfield.**

Movement of the aircraft on the aerodrome is carried out by taxiing or towing by special vehicles. Taxiing and towing are performed along the centerline of runway, taxiways and stands.

2. Precautions for taxiing and towing aircraft, with regard to the visibility conditions and the condition of apron pavement, parking areas, taxiways.

Taxiing (towing) shall be carried out by clearance of the "Tower" air traffic controller. The pilot-in-command depending on the taxiway conditions, obstacles presence, aircraft weight, taxiing conditions, shall select the taxiing speed. In all cases, it must not exceed the speed established by the Flight Crew Operational Manual.

3. Taxiing out of stands under its own engines power and by towing.

Taxiing out of stands under its own engines power and by towing and taxiing into stands under its own engines power and by towing is performed according to the signals of the person in charge of the aircraft operational maintenance area. Stands separation for arriving aircraft shall be carried out by the Operation and Dispatch service followed by informing the Engineering and Technical Service, not later than 20 minutes before landing. Engineering and Technical Service is responsible for the aircraft movement safety from stands and to the

stands. There are no restrictions on the procedure for taxiing and parking aircraft.

4. Parking area for small aircraft (general aviation), in case, if such stands are available.

NIL

5. Aircraft de-icing areas, main engines start up areas, deviation areas.

Stands №2, №3 are designated for de-icing.
Main engines start-up is permitted at all stands.
Stands №1-№4 are designated as deviation areas.

6. The movement procedure of aircraft and vehicles in critical and sensitive areas of ILS during aerodrome operation on the minima I, II and III ICAO category.

Aircraft movement in the critical area shall be carried out with the increased attention of the crew and caution. Flight crew shall vacate the critical area as soon as possible, without exceeding recommended speed by the flight manual of this aircraft. Flight crew shall immediately report to the "Tower" air traffic controller after vacating the critical area.

Intersection of critical areas of radio-beacon landing system by aircraft, vehicles and other mobile facilities shall be carried out with the clearance of the "Tower" air traffic controller.

"Stop" and "ILS critical area" signs are installed on the intersection of the airport roads and the critical area of the radio-beacon system. Movement after these signs without air traffic controller clearance is prohibited; driver must stop and request clearance to cross this area. Vacating of this area shall be made rapidly with a further report to the air traffic controller.

When the aircraft performing a U-turn to the final approach and before landing, intersection these areas by the mentioned vehicles is prohibited.

7. Restrictions in the operation of large aircraft including restrictions on the use of its own power for taxiing (in cases, if such restrictions are available).

Aircraft with a weight of 30000 kg and more shall make turns in turning bays (widening of the runway) on RWY 03/21 only.

For other aircraft the geometric dimensions of the runway and parking areas are suitable according to the Tactical and technical data, no restrictions.

8. Taxiing in winter conditions (apron), in case if some taxiways are not equipped with centerline lights, they are may not be visible due to snow.

In case of low visibility of marking lines for aircraft movement at the apron (due to snow cover and other reasons), the escorting of aircraft shall be carried out by the follow-me car.

9. Removal of disabled aircraft from runways.

JSC "Pavlodar airport" can provide the activities of evacuation:

- In the standard form of towing (towing by the nose gear with a tow bar) from runway (in the absence of snow and ice) – YAK-40, YAK-42, AN-24, TU-134, TU-154, A-320, B-737. From soft surfaces of runway shoulder and stopway – YAK-40, AN-24.
- In the non-standard form of towing (towing by the main landing gear with ropes) from runway. From soft surfaces of runway shoulder and stopway – YAK-42.
- Transportation of aircraft with damaged nose gear or main gear due to belly landing is impossible due to the lack of necessary equipment.

UASP AD 2.21 Noise Abatement Procedures

NIL

UASP AD 2.22 Flight Procedures

1. Flight and ground movement procedures.

There are no deviations from the requirements and flight rules operating in the territory of the Republic of Kazakhstan.

Take-off not from the runway beginning shall be performed upon flight crew request, if according to the flight crew's calculations, the available runway length, depending on the actual take-off weight of the aircraft and take-off conditions, corresponds to the required length. Pilot-in-command is responsible for this decision. Tailwind take-off and landing in regard of braking action coefficient is permitted, if the tailwind speed component comply with the standards established by the Flight Operations Manual for each aircraft type.

Movement of aircraft on the aerodrome shall be carried out by taxiing or towing by special vehicles. Taxiing and towing shall be carried out along centerlines of runway, taxiways and stands. Taxiing from/into the stands is performed by the signals of the responsible person in charge of the aircraft operational maintenance area. Taxiing of aircraft, as well as the placement of aircraft on the apron and stands shall be carried out by the engineering and technical personnel of the Aviation Engineering Service in accordance with the instructions of the Operation and Dispatch Service, in conformity with the inflicted markings on the aerodrome pavement, as provided by the ground movement chart. Taxiing (towing) shall be carried out by the clearance of "Tower" air traffic controller. The pilot-in-command depending on the taxiway conditions, obstacles presence, aircraft weight, taxiing conditions, selects taxiing speed. In all cases, it must not exceed the speed established by the Flight Crew Operational Manual.

Helicopter taxiing shall be carried out with regard of limitations to the wind, according to the Flight Operational manual, with constant visibility of landmarks located in front. Pilot-in-command is responsible for taxiing rules compliance; the person in charge of taxiing in the assigned area is responsible for the safety of taxiing.

Heliport pad is not available. Helicopter take-off and landing area located over the ARP. Helicopter take-off and landing shall be carried out from the runway. Helicopter take-off and landing in the sector 260°-360° from ARP is prohibited. Helicopter take-off and landing equipped with a skid landing gear is allowed from stands №5, №6, №9 with observance of safety distance between the main rotor blades and aircraft on the stand (not less than two main rotor diameter). Helicopter landing at the designated stands is permitted by the clearance of the "Tower" air traffic controller in coordination with the Operation and Dispatch Service.

The movement of all types of special vehicles at the airport shall be carried out along the marked routes only, according to the "Aircraft, special vehicles and mechanical equipment placement and movement chart".

2. Low Visibility Procedures.

Low Visibility Procedures (LVP) are applied when RVR is less than 550 m, when all the manoeuvring area or part of it is not controlled visually from the "Tower" control centre.

Low Visibility Procedures are initiated by the Air traffic Manager (Tower ATC) after received information from the meteorological service about the RVR values less than 550 m.

Air traffic controller "Tower" should report when the Low Visibility Procedures are in force by the phrase: "LOW VISIBILITY PROCEDURES IN OPERATION". The air traffic controller "Tower" informs flight crew about any changes in the operational radio status and lighting equipment, also, restricts the movement of airport service vehicles on the aprons and manoeuvring area during Low Visibility Procedures.

Aircraft should follow after the "Follow-me car" equipped with lighting equipment from the established point to the stand upon arrival and from the stand to the established point upon departure. Air Traffic Controller "Tower" monitors aircraft movement along the taxi route by the visual observing within the visibility limits, according to the reports of crew and aerodrome service specialist reports.

3. VFR procedures within the aerodrome control zone (CTR)

Air traffic service in the control zone of the aerodrome is carried out by the controller of the "Tower" ATC unit. Flight altitudes are calculated by the aircraft crew in accordance with the Civil Aviation Flight Rules of the Republic of Kazakhstan. The functions of Air traffic service does not include ground collision avoidance. The aircraft crew shall ensure that the clearance issued by the ATS unit in this regard is safe. VFR flights at altitudes below 3000 feet in the control zone are performed at the altitudes indicated in the flight plan or requested by the aircraft crew.

Flights must not be performed over populated areas within the control zone.

For VFR flights, the aerodrome has a flight circle (left / right) at an altitude of 900 feet. The air traffic controller of the "Tower" ATC unit is determine and report which flight circle is in use.

Entering the flight circle, crossing the runway alignment is made only with the permission of the air traffic controller of the "Tower" ATC unit.

The aircraft crew preliminarily agrees with the ATS unit the flight area and altitude range during aerial work in the control zone at absolute altitudes.

When entering the control zone (CTR) from uncontrolled airspace, the aircraft crew must obtain an air traffic control clearance 5 minutes before the estimated time of entering the controlled airspace.

Entry / exit of aircraft of category A and helicopters flying in VFR to / from the control zone (CTR) is carried out at the shortest distance through the corresponding point.

If the air situation requires the holding procedure, the air traffic controller of the "Tower" ATC unit gives the instructions to the aircraft crew to follow to one of the holding points.

№	Waypoint name (visual reference)	Geographical coordinates	Radial (mag.) and distance from NAVAID (ARP)	Remarks
1	ALPHA (Northern side of Berezovka)	N523133 E0765528	333° 20.0 nm PVL DVOR/DME	Exit
2	BRAVO (SW side of Efremovka, A-17 Highway)	N523053 E0771848	015° 20.0 nm PVL DVOR/DME	Entry/exit
3	CHARLIE (A-18 highway, railroad)	N522325 E0773305	048° 20.0 nm PVL DVOR/DME	Entry/exit
4	DELTA (SE outskirts of Novoyamyshevo, M-38 highway)	N515456 E0772051	143° 20.0 nm PVL DVOR/DME	Exit
5	ECHO (Western outskirts of Donentayev)	N515237 E0770445	173° 20.0 nm PVL DVOR/DME	Entry
6	FOXTROT (NE side of Bolshoy Kalkaman lake)	N520333 E0763645	234° 20.0 nm PVL DVOR/DME	Exit
7	GOLF (A-18 highway, railroad)	N520916 E0763339	252° 20.0 nm PVL DVOR/DME	Entry
8	HOTEL (southern side of Kyzylzhar)	N522538 E0764101	302° 20.0 nm PVL DVOR/DME	Entry
9	INDIA (Western side of Muyaldy)	N522341 E0770258	342° 11.2 nm PVL DVOR/DME	Exit
10	JULIET (Northern outskirts of Shandy)	N522043 E0771455	026° 9.9 nm PVL DVOR/DME	Entry/exit/ holding (circle and absolute altitudes by "Tower" ATC instructions)
11	KILO (Northern outskirts of Birlik)	N520726 E0770518	174° 5.2 nm PVL DVOR/DME	Exit
12	PAPA (SE outskirts of Aksu)	N520144 E0765742	195° 11.9 nm PVL DVOR/DME	Entry, holding (circle and absolute altitudes by "Tower" ATC instructions)

No	Waypoint name (visual reference)	Geographical coordinates	Radial (mag.) and distance from NAVAID (ARP)	Remarks
13	LIMA (Northern outskirts of Aksu)	N520859 E0765105	239° 9.7 nm PVL DVOR/DME	Exit
14	MIKE (NW outskirts of Karabay)	N521036 E0765029	249° 9.6 nm PVL DVOR/DME	Entry, holding (circle and absolute altitudes by "Tower" ATC instructions)
15	NOVEMBER (Western outskirts of Leninskiy)	N521359 E0764416	267° 13.3 nm PVL DVOR/DME	Entry, holding (circle and absolute altitudes by "Tower" ATC instructions)

UASP AD 2.23 Additional Information**1. Accepted exceptions, exemptions and restrictions in aerodrome certificate.**

Regulatory reference	Requirement of regulations	Description of exceptions, exemptions and restrictions	Measures taken and validity period
Nil	Nil	Nil	Nil

2. The bird aggregations in the vicinity of the airport

Intensive flights of flocks of gulls, starlings, ducks, crows, pigeons, etc. occur daily in the morning (23.00 - 03.00) and evening (10.00 - 02.00) hours. The altitude of the bird flights varies from 0 to 400 m. above ground level.

The main directions of bird migration in spring are from the south-west to the north-east, in autumn in the opposite direction.

As required, the aerodrome control unit inform pilots of such bird migration and approximate heights above ground level.

Measures to disperse of the bird aggregations include periodic scaring of birds, effective measures against the garbage, removal of green spaces, as well as the installation of scaring objects (silhouettes of hunters, sparkling balls, "scaring eyes", etc).

UASP AD 2.24 Charts Related To An Aerodrome

Name	Page
Aerodrome Chart ICAO	UASP AD 2.24.1-1
Aerodrome Ground Movement and Parking Chart ICAO	UASP AD 2.24.3-1
Aerodrome Obstacle Chart – ICAO – Type A	UASP AD 2.24.4-1
Standard Departure Chart Instrument (SID) - RWY 03 ICAO	UASP AD 2.24.7-1-1
Standard Departure Chart Instrument (SID) - RWY 21 ICAO	UASP AD 2.24.7-2-1
Standard Arrival Chart Instrument (STAR) - RWY 03 ICAO	UASP AD 2.24.9-1-1
Standard Arrival Chart Instrument (STAR) - RWY 21 ICAO	UASP AD 2.24.9-2-1
ATC Surveillance Minimum Altitude Chart - ICAO	UASP AD 2.24.10-1
Instrument Approach Chart - ILS/DME - Y RWY 21 ICAO	UASP AD 2.24.11-1-1
Instrument Approach Chart - ILS/DME - Z RWY 21 ICAO	UASP AD 2.24.11-2-1
Instrument Approach Chart - VOR/DME - Y RWY 03 ICAO	UASP AD 2.24.11-3-1
Instrument Approach Chart - VOR/DME - Z RWY 03 ICAO	UASP AD 2.24.11-4-1
Instrument Approach Chart - VOR/DME RWY 21 ICAO	UASP AD 2.24.11-5-1
Visual Approach chart – ICAO	UASP AD 2.24.12-1
VFR Departure/Arrival Chart	UASP AD 2.24.14-1

UASP AD 2.25 Visual segment surface (VSS) penetrations

No	Coordinates/Type	Elevation (ft)	Penetration (ft)	Instrument approach procedure
1	521109.49N 0770320.06E / (Tree)	447	33.8	VOR/DME RWY Z 03 VOR/DME RWY Y 03
2	521056.63N 0770326.34E / (Tree)	434	0.8	

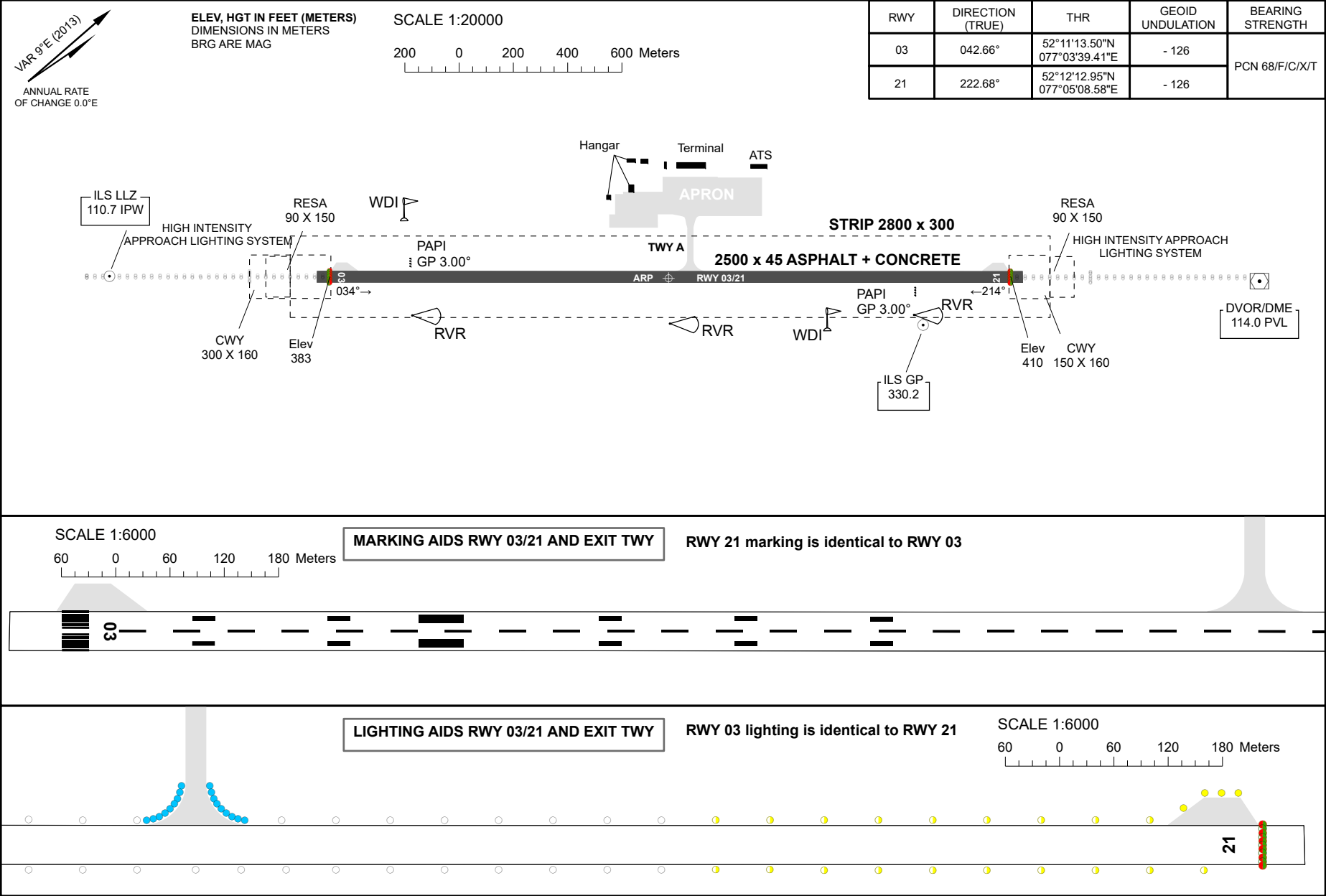
AERODROME
CHART - ICAO

AD ELEV
411FT (125m)

ARP 521143N
0770424E

TWR 119.8

PAVLODAR



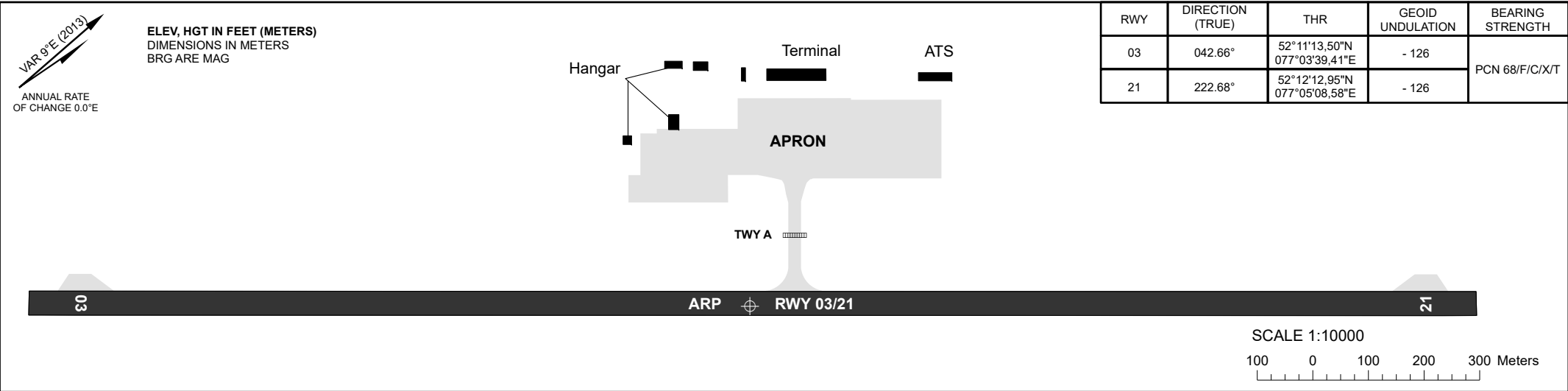
THIS PAGE INTENTIONALLY LEFT BLANK

AERODROME GROUND MOVEMENT
AND PARKING CHART - ICAO

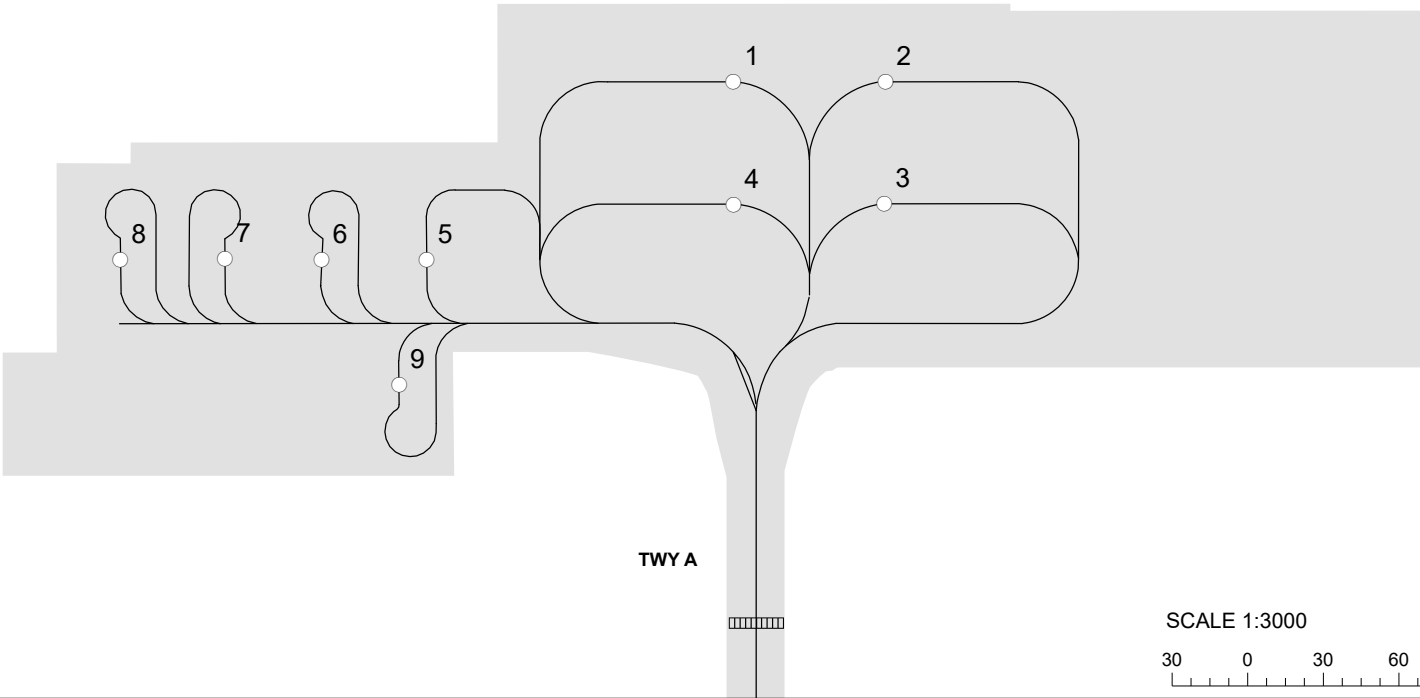
APRON ELEV 404FT (123m)

TWR 119.8

PAVLODAR



APRON	STAND	SURFACE	BEARING STRENGTH
	1, 4	CONC+ASPH	PCN 51/F/C/X/T
	2, 3	CONC+ASPH	PCN 32/F/C/X/T
	5	CONC+ASPH	PCN 26/F/C/Y/T
	9	CONC+ASPH	PCN 28/F/C/Y/T
	6-8	CONC	PCN 14/R/B/X/T
TWY	WIDTH	SURFACE	BEARING STRENGTH
A	38m	CONC+ASPH	PCN 53/F/C/X/T



PAVLODAR

STANDS CHARACTERISTICS

Apron	Stand	Coordinates	
		Latitude	Longitude
	1	52 11 52.20 N	077 04 13.28 E
	2	52 11 53.64 N	077 04 15.43 E
	3	52 11 52.57 N	077 04 17.29 E
	4	52 11 51.14 N	077 04 15.16 E
	5	52 11 47.76 N	077 04 11.67 E
	6	52 11 46.77 N	077 04 10.18 E
	7	52 11 45.86 N	077 04 08.81 E
	8	52 11 44.87 N	077 04 07.33 E
	9	52 11 46.41 N	077 04 13.21 E



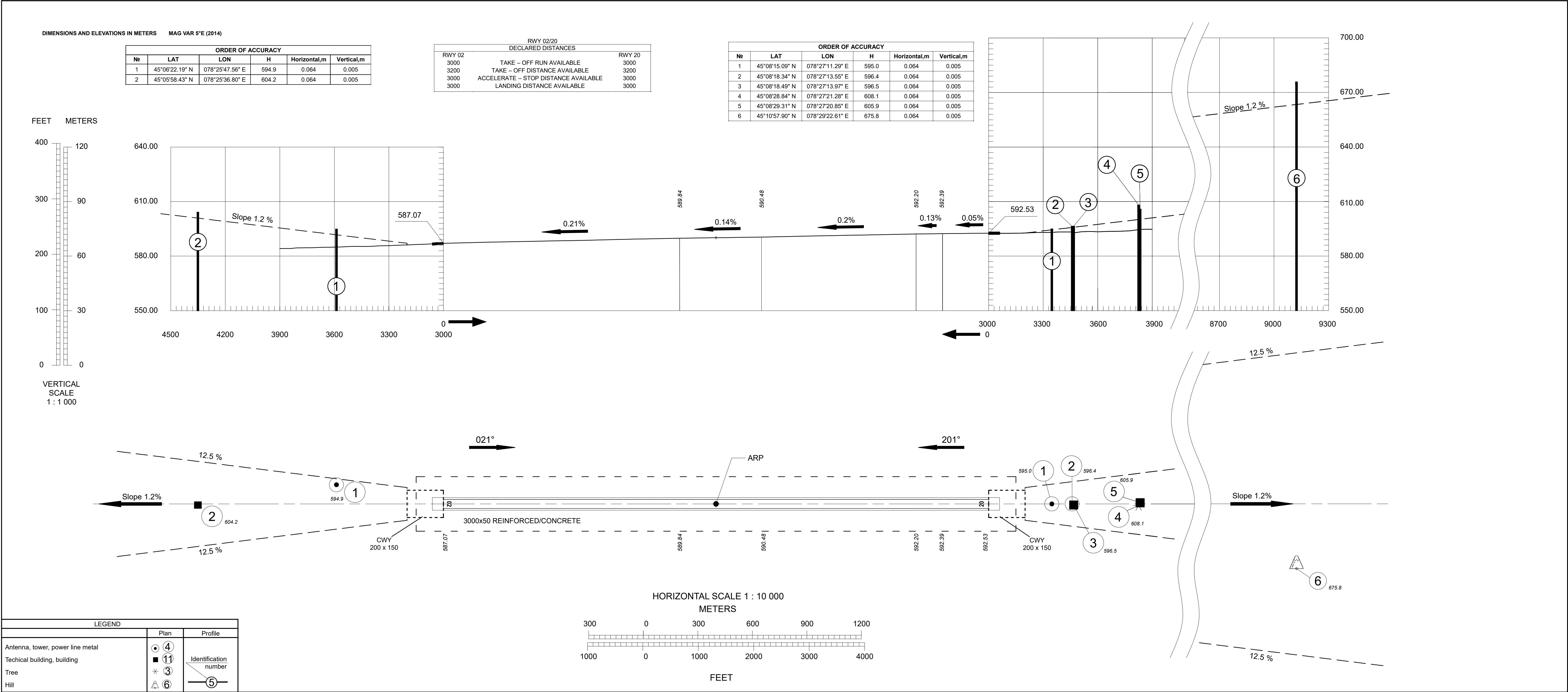
UAAT AD 2.24 Charts Related To An Aerodrome

Name	Page
Aerodrome Chart ICAO	UAAT AD 2.24.1-1
Aerodrome Ground Movement and Parking Chart ICAO	UAAT AD 2.24.3-1
Aerodrome Obstacle Chart – ICAO – Type A	UAAT AD 2.24.4-1
Area Chart ICAO	UAAT AD 2.24.6-1
Standard Departure Chart Instrument (SID) RWY 02 ICAO	UAAT AD 2.24.7-1-1
Standard Departure Chart Instrument (SID) RWY 20 ICAO	UAAT AD 2.24.7-2-1
Standard Arrival Chart Instrument (STAR) RWY 02 ICAO	UAAT AD 2.24.9-1-1
Standard Arrival Chart Instrument (STAR) RWY 20 ICAO	UAAT AD 2.24.9-2-1
ATC Surveillance Minimum Altitude Chart ICAO	UAAT AD 2.24.10-1
Instrument Approach Chart – VOR/DME - Y RWY 02 ICAO	UAAT AD 2.24.11-1-1
Instrument Approach Chart – VOR/DME - Y RWY 20 ICAO	UAAT AD 2.24.11-2-1
Instrument Approach Chart – VOR/DME - Z RWY 02 ICAO	UAAT AD 2.24.11-3-1
Instrument Approach Chart – VOR/DME - Z RWY 20 ICAO	UAAT AD 2.24.11-4-1
Visual Approach chart – ICAO	UAAT AD 2.24.12-1
VFR Departure/Arrival Chart	UAAT AD 2.24.14-1

UAAT AD 2.25 Visual segment surface (VSS) penetrations

No penetrations

THIS PAGE INTENTIONALLY LEFT BLANK



THIS PAGE INTENTIONALLY LEFT BLANK

2	Vertical limits	7000 FT ALT / GND
3	Airspace classification	C
4	ATS unit call sign Language(s)	TARAZ TOWER EN TARAZ VYSHKA RU
5	Transition altitude	10000 FT
6	Hours of applicability	H24
7	Remarks	Nil

UADD AD 2.18 ATS Communication Facilities

Service designation	Call sign	Frequency	SATVOICE number(s)	Logon address	Hours of operation	Remarks
1	2	3	4	5	6	7
TWR	TARAZ TOWER (EN) TARAZ VYSHKA (RU)	122,1 MHZ	Nil	Nil	H24	Nil
Production and dispatcher service	TARAZ TRANZIT (EN) TARAZ TRANZIT (RU)	131.8 MHZ	Nil	Nil	As AD	Nil
ATIS	TARAZ ATIS (EN) TARAZ ATIS (RU)	118,5 MHZ 127,4 MHZ	Nil	Nil	H24	EN RU

UADD AD 2.19 Radio Navigation And Landing Aids

Type of aid, MAG VAR, ILS Classification, Type of supported OP (for VOR/ILS/MLS, give declination)	ID	Frequency , Channel number	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Service volume radius from the GBAS reference point	Remarks
1	2	3	4	5	6	7	8
DVOR/DME (6°E/2013)	TAR	115,9 MHZ CH 106X	H24	425214.0N 0711654.1E	2200 FT	Nil	Nil
ILS LOC 13 II/D/2	IMB	109.7 MHZ	H24	425023.9N 0711913.7E		Nil	Nil
GP 13 II/C/2		333.2 MHZ		425148.3N 0711719.5E			
DME 13	IMB	CH 34X		425148.3N 0711719.5E	2200 FT		
ILS LOC 31 I/D/2	IYL	111.3 MHZ	H24	425209.5N 0711659.8E		Nil	Nil
GP 31 I/C/2		332.3 MHZ		425049.4N 0711834.1E			
DME 31	IYL	CH 50X		425049.4N 0711834.1E	2200 FT		

UADD AD 2.20 Local Aerodrome Regulations

The helicopter landing area is designated between TWY A and TWY B.

1. The movement procedure (towing, taxiing) of aircraft on the airfield.

The movement of aircraft on the aerodrome is conducted under its own power or towing by special vehicles. The taxiing and towing are carried out as directed by an air traffic controller "Taraz-Start" on frequency 122,100 MHz.

2. The safety precautions in the taxiing (towing) of an aircraft taking into account the visibility conditions and the state of apron covers, the parking places, the taxiways.

In winter conditions the apron and taxiway can be covered with packed snow, ice, the markings can be not visible.

The taxiing speed is chosen by pilot-in-command of the aircraft, but in all cases it must not exceed the speed established by the FCOM of this aircraft.

The crews of the aircraft in these conditions should be especially careful during taxiing.

The aircraft leading is provided by the crew request on/to/out the runway, taxiway and apron by follow me car.

3. The taxiing-in procedure to the parking place under its own power and towing.

At the apron the aircraft is placed at the parking stands 1A, 1B, 1-6.

The taxiing to the parking stands 1A, 1B, 1-6 is carried out under its own power.

Allocation of aircraft parking stands is performed by "Taraz-Tower" controller.

At the parking stands the aircraft are met by Aircraft Ground Handling Service responsible person or airline representative, the aircraft placing is conducted on the parking by his signals.

4. The taxiing-out procedure to the parking place under its own power and towing.

The taxiing procedure of the aircraft to the holding position and after landing is indicated in the scheme.

The pilot-in-command may enter, taxi on, or cross the runway only with clearance from "Taraz-Tower" controller (ATC unit).

The exit from stands 1A, 1B, 1-6 is carried out by towing. At the same time, the exit from the stands 1A, 1B, 1-6 under its own power is provided by the marking of the apron.

The towing of the aircraft from the stands 1A, 1B, 1-6 for starting engines is produced at the center line of the apron or at the point of start up to the taxiway A, B up to the boundary of the critical areas of radio beacon landing system.

The specific engine start-up location, from those indicated above, shall be determined by "Taraz-Tower" controller.

Without the clearance of air traffic controller "Taraz-Start" the taxiing and towing are prohibited.

During towing of aircraft start engines is prohibited.

5. The parking places for small aircraft (general aviation), if such parking places are available.

For the parking of small aircraft and helicopters the stands are provided both in the apron and in the designated areas.

The specific engine start-up location, from those indicated above, shall be determined by "Taraz-Tower" controller.

At the stands the aircraft are met by Aircraft Ground Handling Service responsible person or airline

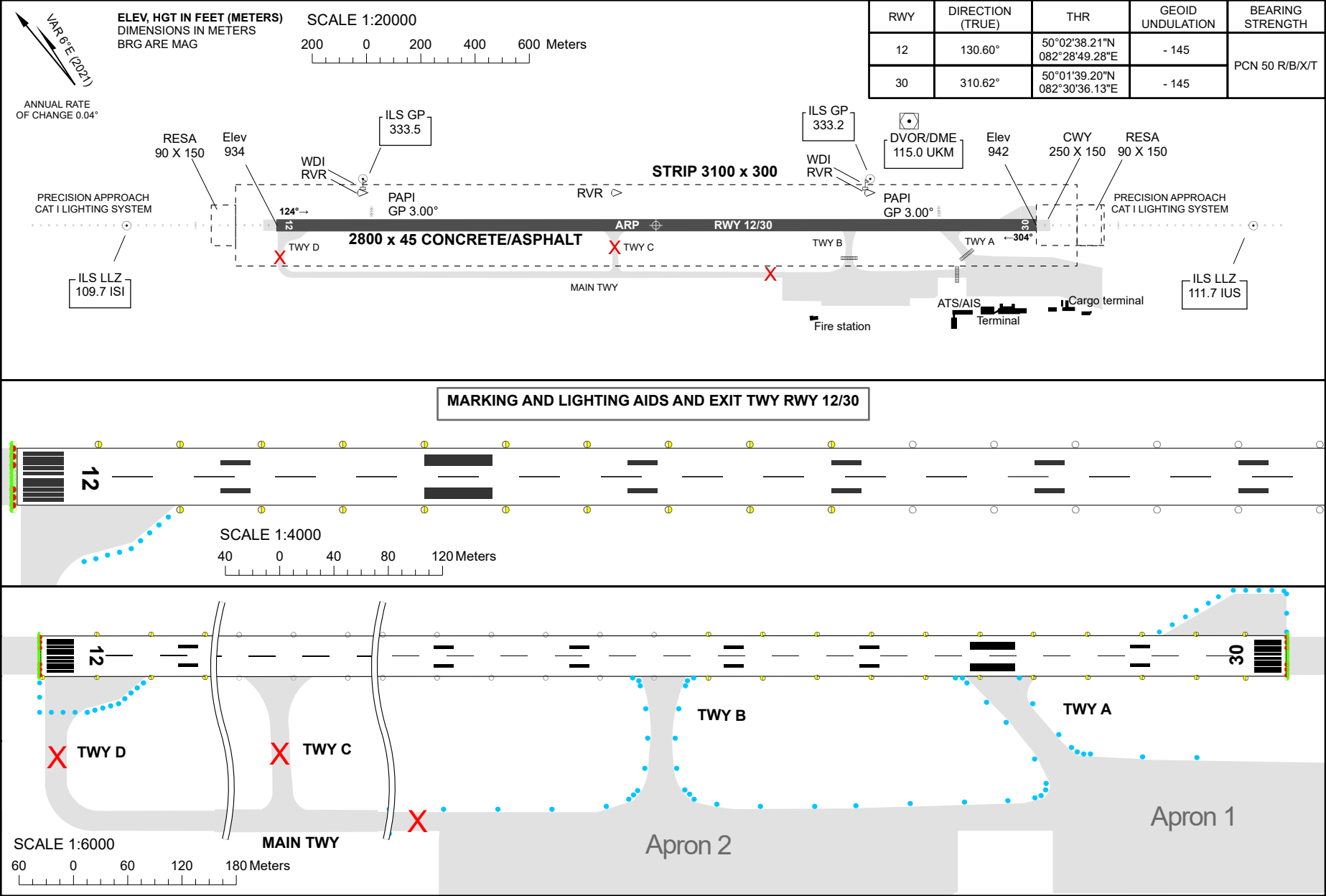
AERODROME
CHART - ICAO

AD ELEV
942FT (287m)

ARP 500209N
0822943E

TWR 130.1

UST-KAMENOGORSK



THIS PAGE INTENTIONALLY LEFT BLANK