

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