

STANDARD ARRIVAL CHART-INSTRUMENT-3

**ABENO EAST RNAV ARRIVAL**

From KODAI at or above 6,000ft, to MIRAI at or above 6,000ft, to ABENO at or above 4,100ft

FIX	DESIGNATION	COORDINATES
	KODAI	342925.4N 1360359.0E
	MIRAI	343118.4N 1355713.3E
	ABENO	343532.4N 1354155.6E
Critical DME	-	
DME GAP	-	
Inappropriate Navaids	See General Rule 3. Inappropriate NAVAIDs for RNAV1	

**ABENO NORTH RNAV ARRIVAL**

From ROKKO at or above 7,000ft, to KAMEO at or above 7,000ft, to OTABE, turn right to ABENO at or above 3,500ft

FIX	DESIGNATION	COORDINATES
	ROKKO	350700.6N 1351800.9E
	KAMEO	345702.7N 1352804.2E
	OTABE	343928.9N 1354539.8E
	ABENO	343532.4N 1354155.6E
Critical DME	-	
DME GAP	-	
Inappropriate Navaids	See General Rule 3. Inappropriate NAVAIDs for RNAV1	

**ABENO EAST RNAV ARRIVAL**

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit (kt)	Vertical Angle	Navigation Performance
IF	KODAI	—	—	—	—	+6000	—	—	RNAV1
TF	MIRAI	—	5.9	296° (288.6°)	—	+6000	—	—	RNAV1
TF	ABENO	—	13.3	296° (288.6°)	—	+4100	—	—	RNAV1

**ABENO NORTH RNAV ARRIVAL**

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit (kt)	Vertical Angle	Navigation Performance
IF	ROKKO	—	—	—	—	+7000	—	—	RNAV1
TF	KAMEO	—	12.9	147° (140.3°)	—	+7000	—	—	RNAV1
TF	OTABE	—	22.7	147° (140.4°)	—	—	—	—	RNAV1
TF	ABENO	—	5.0	225° (218.1°)	—	+3500	—	—	RNAV1