INSTRUMENT APPROACH
Route Data

MANAS, KYRGYZSTAN
JALAL-ABAD
RWY 01

RNP INITIAL - FD004

Serial # / Procedure designator	Navigational performance	Path descriptor	Waypoint identifier	Waypoint coordinates	Fly-Over	True track [°] / Magnetic track [°]	Distance [km]	Turn direction	Upper limit [ft] / Lower limit [ft]	Speed [kts]	Remarks
1 / RNP RWY 01	RNP APCH	IF	FD004	40°40'00.04"N / 073°02'36.48"E	-	-	-	-	- / 6000	-	IAF
2 / RNP RWY 01	RNP APCH	TF	FD003	40°44'17.50"N / 072°54'25.32"E	N	304.6 / 300	14.0	-	- / 5700	-	IF

RNP INITIAL - OSH

Serial # / Procedure designator	Navigational performance	Path descriptor	Waypoint identifier	Waypoint coordinates	Fly-Over	True track [°] / Magnetic track [°]	Distance [km]	Turn direction	Upper limit [ft] / Lower limit [ft]	Speed [kts]	Remarks
1 / RNP RWY 01	RNP APCH	IF	OSH	40°36'22.00"N / 072°48'07.00"E	-	-	-	-	- / 9000	-	IAF
2 / RNP RWY 01	RNP APCH	TF	FD003	40°44'17.50"N / 072°54'25.32"E	N	031.2 / 026	17.1	-	- / 5700	-	IF

RNP INITIAL – FD005

Serial # / Procedure designator	Navigational performance	Path descriptor	Waypoint identifier	Waypoint coordinates	Fly-Over	True track [°] / Magnetic track [°]	Distance [km]	Turn direction	Upper limit [ft] / Lower limit [ft]	Speed [kts]	Remarks
1 / RNP RWY 01	RNP APCH	IF	FD005	40°45'51.66"N / 072°46'26.79"E	-	-	-	-	- / 6000	-	IAF
2 / RNP RWY 01	RNP APCH	TF	FD003	40°44'17.50"N / 072°54'25.32"E	N	104.5 / 099	11.6	-	- / 5700	-	IF

RNP COMMON

Serial # / Procedure designator	Navigational performance	Path descriptor	Waypoint identifier	Waypoint coordinates	Fly-Over	True track [°] / Magnetic track [°]	Distance [km]	Turn direction	Upper limit [ft] / Lower limit [ft]	Speed [kts]	VPA [°]	TCH [ft]	Remarks
1 / RNP RWY01	RNP APCH	IF	FD003	40°44'17.50"N / 072°54'25.32"E	-	-	-	-	- / 5700	-	-	-	IF
2 / RNP RWY01	RNP APCH	TF	FD002	40°50'18.79"N / 072°56'28.40"E	N	014.5 / 010	11.5	-	- / 4500	-	-	-	FAF
3 / RNP RWY01	RNP APCH	TF	FD001	40°55'08.12"N / 072°58'07.23"E	Y	014.5 / 010	9.2	-	-	-	3.00	49	MAPT
4 / RNP RWY01	RNP APCH	TF	FD011	41°01'46.88"N / 073°00'23.66"E	N	014.5 / 010	12.7	-	-	200	-	-	-
5 / RNP RWY01	RNP APCH	TF	FD012	41°03'25.33"N / 072°43'19.99"E	N	277.3 / 272	24.1	-	-	-	-	-	-
6 / RNP RWY01	RNP APCH	TF	FD005	40°45'51.66"N / 072°46'26.79"E	N	172.3 / 167	32.8	-	- / 6000	-	-	-	-
7 / RNP RWY 01	RNP APCH	TF	OSH	40°36'22.00"N / 072°48'07.00"E	Y	172.3 / 167	17.7	-	- / 9000	-	-	-	IAF (After MA)

RNP HOLDING

Serial # / Procedure designator	Navigational performance	Path descriptor	Waypoint identifier	Waypoint coordinates	Fly-Over	True track [°] / Magnetic track [°]	Distance [km]	Turn direction	Upper limit [ft] / Lower limit [ft]	Speed [kts]	Remarks
OSH HOLDING RNP	RNP APCH	HM	OSH	40°36'22.0"N / 072°48'07.0"E	-	125.6 / 121	ACFT CAT A, B 1.5 min ACFT CAT C 1.0 min	L	- / 9000		