TABULAR DESCRIPTION
RNP (AR) RWY33 Instrument Approach procedure

Initial Segment from ZESEL

Serial Number	Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	VPA°/ TCH (m)	Accuracy Requirement
010	IF	ZESEL	-	-	-	-	-	+6000	-	-	RNP 1
020	TF	CR823	-	197° (200.5°)	-	6.8	-		-180	-	RNP 1
030	TF	CR804	-	116° (119.5°)	-	3.9	-	+2900	-170	-	RNP 1
040	TF	CR806	-	069° (072.7°)	-	2.5	-	+2000	-160	-	RNP 0.1

Initial Segment from DEDRA

Serial Number	Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	VPA°/ TCH (m)	Accuracy Requirement
010	IF	DEDRA	-	-	-	-	-	+4000	-180	-	RNP 1
020	TF	AMGUT	-	336° (339.3)	-	4.9	-	-	-180	-	RNP 1
030	TF	CR804	-	012° (15.3°)	-	4.2	-	+2900	-170	-	RNP 1
040	TF	CR806	-	069° (072.7°)	-	2.5	-	+2000	-160	-	RNP 0.1

Initial Segment from AMGUT (After Missed Approach)

Serial Number	Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	VPA°/ TCH (m)	Accuracy Requirement
010	IF	AMGUT	-	-	-	-	-	+3000	-180	-	RNP 1
020	TF	CR804	-	012° (15.3°)	-	4.2	-	+2900	-170	-	RNP 1
030	TF	CR806	-	069° (072.7°)	-	2.5	-	+2000	-160	-	RNP 0.1

Serial Number	Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	VPA°/ TCH (m)	Accuracy Requirement
010	IF	CR806	-	-	-	-	-	+2000	-160	-	RNP 0.1
020	TF	CR807	-	069° (072.8°)	-	1.4	-	+1440	-160	3.8°/15	RNP 0.1
030	RF (RF Center CR007 R=1.3NM)	CR808	-	-	-	2.0	L	+620	-160	3.8°/15	RNP 0.1
-	-	FTP33	-	339° (342.8°)	-	1.3	-	-	-160	3.8°/15	RNP 0.1
040	CF	CR809	-	339° (342.8°)	4.0°E	-	-	+1050	-180	-	RNP 1
050	RF (RF Center CR011 R= 2.0NM)	ZESEL	-	-	-	5.1	L	-	-180	-	RNP 1
060	TF	CR823	-	197° (200.4)	-	6.8	-	-	-180	-	RNP 1
070	TF	CR816	-	197° (200.4)	-	5.0	-	-	-180	-	RNP 1
080	RF (RF Center CR012 R=2.1NM)	AMGUT	-	-	-	6.8	L	+3000	-180	-	RNP 1

Path Terminator	Waypoint Identifier	Inbound Course °M (°T)	Leg Distance (NM)	Timing(min.)/ Waypoint Distance (NM) (1)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed Limit (kt)	Magnetic Variation (°)	Navigation Specification
HM	ZESEL	148 (152.0)	3.1	- / 4.0	R	+ 6000	-	-180	4.0°E	RNAV 1
HM	AMGUT	012 (016.0)	2.6	- / 3.5	R	+ 3000	-	-180	4.0°E	RNAV 1
HM	DEDRA	335 (339)	2.7	-/3.6	R	+ 4000	- 6000	-180	4.0°E	RNAV 1

(1) RNAV systems without holding functionality

WAYPOINT LIST RNP AR RWY33

Waypoint	Coordinates
CR804	37°59'55.8026"N – 015°34'04.5546"E
CR806	38°00'40.1455"N – 015°37'05.1530"E
CR807	38°01'05.0432"N – 015°38'46.7209"E
CR007	38°02'19.6732"N – 015°38'17.4985"E
CR808	38°02'42.7804"N – 015°39'51.8679"E
FTP33	38°03'58.5674"N – 015°39'22.2023"E
CR809	38°08'07.5820"N – 015°37'44.6045"E
CR011	38°07'31.2335"N – 015°35'16.2165"E
CR823	38°01'49.8427"N – 015°29'49.5271"E
CR816	37°57'08.3972"N – 015°27'37.0672"E
CR012	37°56'24.3665"N – 015°30'06.3358"E