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KINGDOM OF SAUDI ARABIA
GENERAL AUTHORITY OF CIVIL AVIATION
SAUDI AIR NAVIGATION SERVICE
AERONAUTICAL INFORMATION MANAGEMENT
P. O. BOX 929, JEDDAH - 21421

**AIP
SUP
06/18
13 NOV 2018**

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AD 2 TRAIF AIRPORT

1. Introduction

1.1 The purpose of this AIP Supplement is to provide information pertaining to the new RWY 10/28 at OETR-Turaif Airport as well the new RNAV (GNSS) Instrument Approach Procedures (IAP).

1.2 Construction work of new RWY 10/28 at OETR published in AIP AIRAC SUP 01/18 completed. Pilots must check carefully AIP Amendments and NOTAMs for any update.

1.3 Pilots must maintain listening watch and communicate their flight information through TIBA procedure.

1.4 Information within this AIP Supplement replace all information of OETR published in AIP AIRAC SUP 01/18 (except temporary RNAV-5 ATS routes).

1.5 This AIP Supplement will remain in force until its contents are incorporated in the AIP.

2. Airport Data

2.1 OETR-Turaif Airport data as well aerodrome chart are provided in appendix A of this AIP SUP.

3. Instrument Approach Procedure (IAP)

3.1 New IAPs to serve new RWY 10/28 at OETR-Turaif Airport are provided in Appendix B of this AIP SUP as follow:

- RNAV (GNSS) RWY 28
- RNAV (GNSS) RWY 10

4. Departure Instructions

4.1 For take-off, an aircraft must comply with TIBA procedures and enroute clearance from ATC "Climb runway heading until 5000 FT, broadcast intentions through TIBA procedure and proceed on course to join the first waypoint of an ATS route". The crew must ensure sufficient clearance from any obstacle located in the take-off surface.

5. Communication failure

Refer to AIP ENR 1.6 Communication failure procedure

6. Temporary RNAV-5 Routes

6.1 Refer to temporary suspension of conventional ATS routes and introduction of new temporary RNAV-5 Routes published in AIP AIRAC SUP 01/18.

6.2 The design of new Temporary RNAV ATS routes was based on existing Conventional ATS routes usage and description (see description tables at pages 13 to 15 of AIP AIRAC SUP 01/18).

6.3 To support aircraft operations from/to OETR, the new Temporary RNAV ATS routes published in AIP AIRAC SUP 01/18 were designed to connect the airport to ATS route network during the re-location of VOR/DME at OETR.

7. Inquiries

Inquiries should be addressed to the following contacts:

Turaif Airport Director
e-mail: oalaqil@gaca.gov.sa
TEL: +966 5 908 99592

AERODROME LOCATION INDICATOR AND NAME**OETR - TURAIF / Turaif (Domestic)****AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	ARP coordinates and site at AD	314141N 0384355E 1523 METERS SE of THR 10
2	Direction and distance from (city)	7.5 KM NE of the city
3	Elevation/Reference temperature	2805 FT / 37°C
4	Geoid undulation at AD ELEV PSN	57 FT
5	MAG VAR/Annual change	5°E (2018) / 0.07° Increasing
6	AD Administration, address, telephone, telefax, telex, AFS	General Authority of Civil Aviation Turaif Airport Turaif Saudi Arabia TEL: +966 14 6520352 Telefax: +966 14 6520828 Telex: 814019 PCATRF SJ
7	Types of traffic permitted (IFR/VFR)	IFR and VFR
8	Remarks	Uncontrolled AD.

OPERATIONAL HOURS

1	AD Administration	HS SUN - THU 05:00 - 21:00 (0800-2400 LMT)
2	Customs and immigration	HS - No Customs
3	Health and sanitation	NIL
4	AIS Briefing Office	NIL
5	ATS Reporting Office (ARO)	NIL
6	MET Briefing Office	H24
7	ATS	NIL
8	Fuelling	HO
9	Handling	HO
10	Security	H24
11	De-icing	NIL
12	Remarks	Operationl hours 05:00-21:00

HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	HO - Saudia Airlines
2	Fuel/oil types	Fuel: JET A1/ NIL
3	Fuelling facilities/capacity	Tankers - Delivery rate variable
4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

PASSENGER FACILITIES

1	Hotels	In the city
2	Restaurants	Cafeteria

3	Transportation	Taxi
4	Medical facilities	In the city
5	Bank and Post Office	Post office only, Bank in the City
6	Tourist Office	NIL
7	Remarks	NIL

RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	CAT 7
2	Rescue equipment	Yes
3	Capability for removal of disabled aircraft	NIL
4	Remarks	NIL

SEASONAL AVAILABILITY - CLEARING

1	Types of clearing equipment	NIL
2	Clearance priorities	NIL
3	Remarks	NIL

APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1	Apron surface and strength	Surface: Asphalt Strength: 57/F/A/X/T
2	Taxiway width, surface and strength	PARL TWY Width: 45M Intersecting TWYs Width: 27.5 M Surface: Asphalt Strength: 57/F/A/X/T
3	Altimeter checkpoint location and elevation	NIL
4	VOR checkpoints	NIL
5	INS checkpoints	NIL
6	Remarks	NIL

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	45 angle parking, power in / power out.
2	RWY and TWY markings and LGT	RWY Marking: Marked, CL, Edge, ID, TDZ, THR RWY Lighting: Edge, Runway end and Threshold TWY Marking: CL, Edge, Holding position TWY Lighting: Edge, Guidance signe
3	Stop bars	NIL
4	Remarks	NIL

AERODROME OBSTACLES

In approach/TKOF areas			In circling area and at AD		Remarks
1			2		3
RWY NR/Area affected	Obstacle type Elevation Markings/LGT	Coordinates	Obstacle type Elevation Markings/LGT	Coordinates	
a	b	c	a	b	
NIL	NIL	NIL	NIL	NIL	NIL

METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	Turaif MET Office
2	Hours of service MET Office outside hours	H24 NIL
3	Office responsible for TAF preparation Periods of validity	Jeddah Central Forecast Office (CFO) (TAF periods of validity H30). TEL: +966 12 6532173 and +966 12 6532197 Telefax: +966 12 6530197
4	Trend forecast Interval of issuance	NIL
5	Briefing/consultation provided	NIL
6	Flight documentation Language(s) used	NIL
7	Charts and other information available for briefing or consultation	NIL
8	Supplementary equipment available for providing information	NIL
9	ATS units provided with information	NIL
10	Additional information (limitation of service, etc.)	TEL: +966 14 6521760

RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE	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
1	2	3	4	5	6
10	105° GEO	3050 x 45	57/F/A/X/T Asphalt	314153.7890N 0384259.2184E GEOID UNDULATION 57FT	THR 2798 FT TDZ 2802 FT
28	285° GEO	3050 x 45	57/F/A/X/T Asphalt	314127.4922N 0384450.9238E GEOID UNDULATION 57FT	THR 2793 FT TDZ 2803 FT

Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA (M)	OFZ	Remarks
7	8	9	10	11	12	13
-0.356%	NIL	300 x 150	3110 x 300	90 x 90	NIL	NIL
-0.789%	NIL	300 x 150	3110 x 300	90 x 90	NIL	NIL

DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
10	3050	3350	3050	3050	NIL
28	3050	3350	3050	3050	NIL

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 (M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
10	NIL	Green	PAPI 3° MEH 65FT Left side	NIL	NIL	3050 M 59.8 M White	Red	NIL	NIL
28	SALS 420 M LIH	Green	PAPI 3° MEH 72FT Left side	NIL	NIL	3050 M 59.8 M White L/H	Red	NIL	NIL

OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and operational hours	ABN: ON terminal BLDG ALTN GW SS-SR and O/R.
2	LDI location and LGT Anemometer location and LGT	LDI: NIL WDI: TWO WDI, ONE LIGHTED and ONE NOT LIGHTED
3	TWY edge and centre line lighting	NIL
4	Secondary power supply/switch-over time	07 SEC
5	Remarks	NIL

HELICOPTER LANDING AREA

1	Coordinates TLOF or THR of FATO Geoid undulation	NIL
2	TLOF and/or FATO elevation M/FT	NIL
3	TLOF and FATO area dimensions, surface, strength, marking	NIL
4	True BRG of FATO	NIL
5	Declared distance available	NIL
6	APP and FATO lighting	NIL
7	Remarks	NIL

ATS AIRSPACE

1	Designation and lateral limits	ATZ: Circle with radius of 5 NM centered on 314141N 0384355E
2	Vertical limits	SFC to 5500 FT AMSL
3	Airspace classification	G
4	ATS unit call sign Language(s)	NIL
5	Transition altitude	13000FT
6	Remarks	NIL

ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TIBA	TIBA	122.800MHZ	H24	TIBA porcedure must be followed Call FRS on FREQ 133.5 MHZ 15 MIN before ARR time

RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR, CAT of ILS/MLS (For VOR/ILS/MLS, give declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7

LOCAL TRAFFIC REGULATIONS

NIL

NOISE ABATEMENT PROCEDURES

NIL

FLIGHT PROCEDURES

NIL

ADDITIONAL INFORMATION

NIL

CHARTS RELATED TO AN AERODROME

CHART NAME

Aerodrome chart

RNAV (GNSS) RWY 28

RNAV (GNSS) RWY 28 (data tabulation)

RNAV (GNSS) RWY 10

RNAV (GNSS) RWY 10 (data tabulation)

AERODROME CHART - ICAO

31°41'41"N
038°43'55"E ELEV 2805

FRS: 133.5
TIBA: 122.8

UNCONTROLLED AD

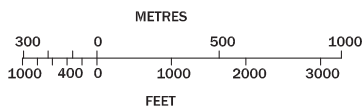
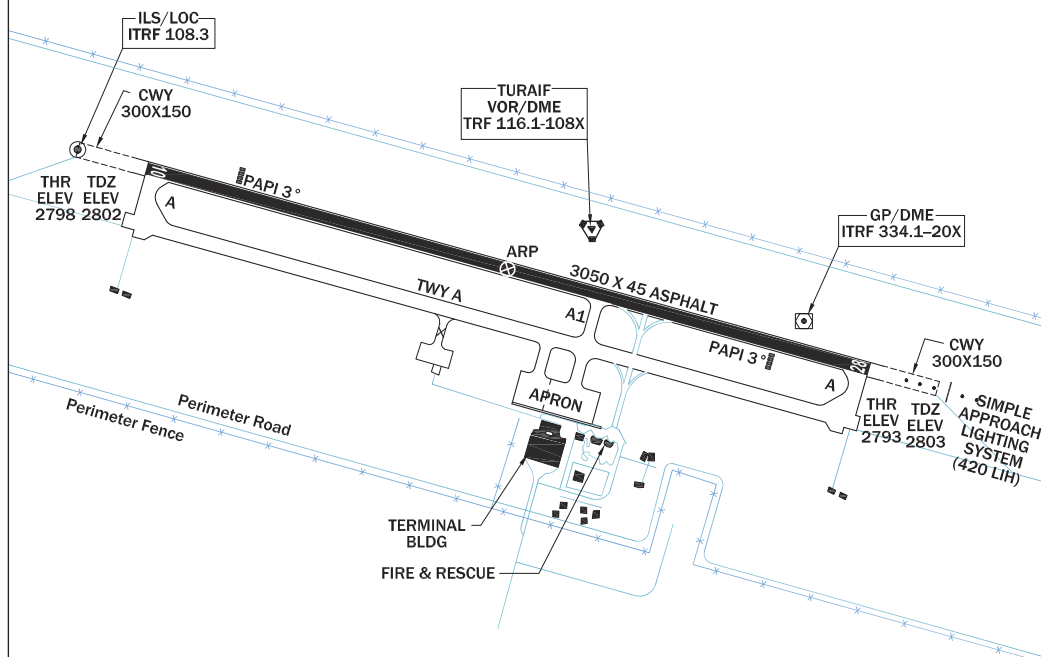
TURAIF/Turaif

RWY	DIRECTION	THR	BEARING STRENGTH
10	101°	31°41'54"N 038°42'59"E	PCN 57/F/A/X/T ASPHALT
28	281°	31°41'27"N 038°44'51"E	

VAR 5° E 2018
ELEV. ALT IN FEET
DIMENSIONS IN METRES
BRG ARE MAG
ANNUAL RATE OF CHANGE 4' E

PARL TWY 45M WIDE
INTERSECTING TWYS 27.5M WIDE
TAXIWAYS: ASPHALT PCN 57/F/A/X/T
APRON: ASPHALT PCN 57/F/A/X/T

NOTE:
Contact FRS on 133.5 MHZ at least
15 minutes before landing.



LEGEND	
SERVICE ROAD	—
FENCE	—X—X—X—
CLOSED	X

DECLARED DISTANCES

RWY	TORA	TODA	ASDA	LDA
10	3050	3350	3050	3050
28	3050	3350	3050	3050

INTENTIONALLY BLANK

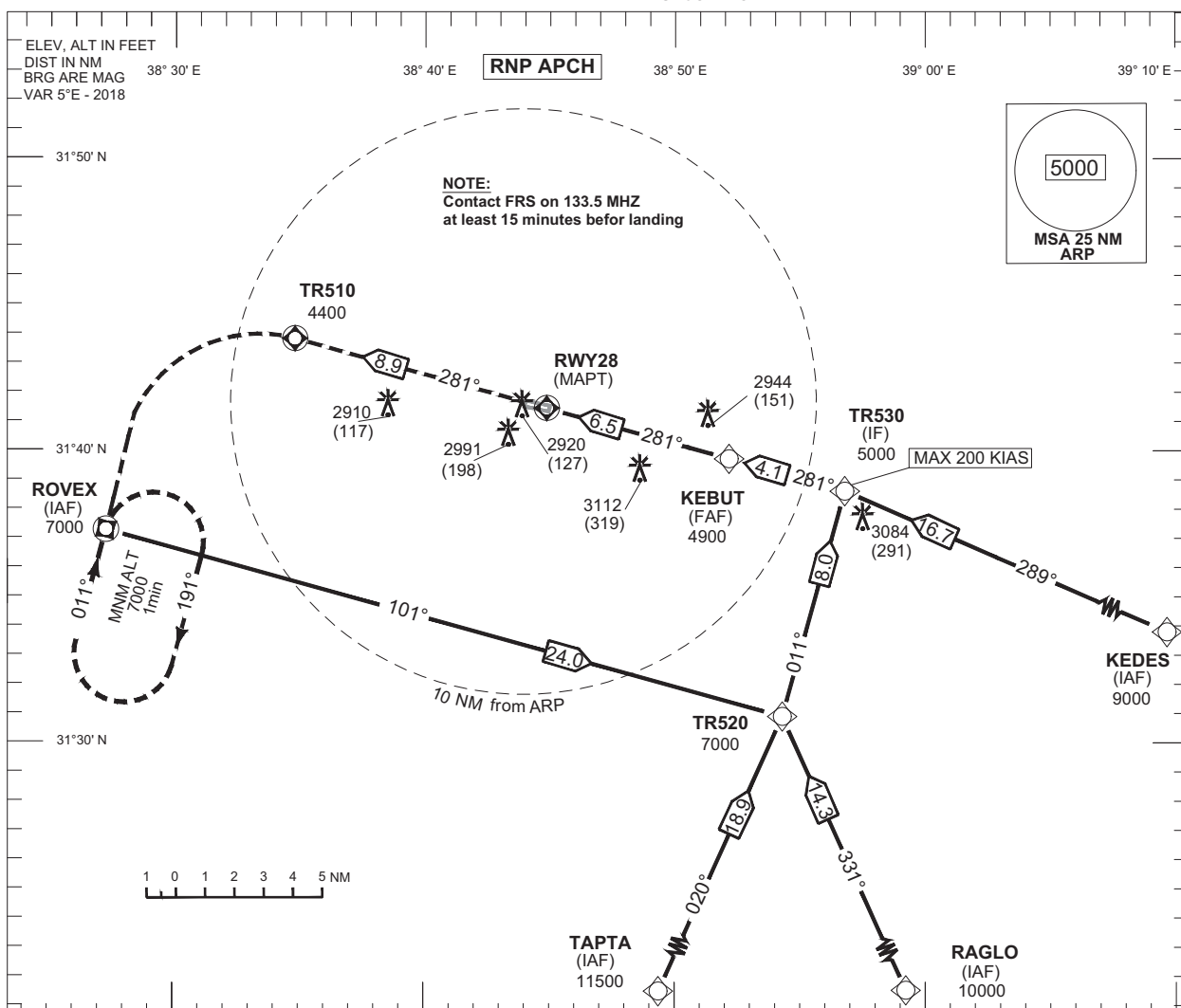
**INSTRUMENT
APPROACH
CHART – ICAO**

AERODROME ELEV 2805 ft
HEIGHTS RELATED TO
THR RWY28 ELEV 2793 ft

FRS: 133.5
TIBA: 122.8

TURAIF / Turaif (OETR)
RNAV(GNSS) RWY 28

UNCONTROLLED AD



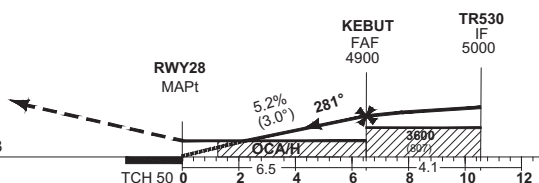
RWY28	2	3	4	5	6	DISTANCE FROM THR
	3475 (682)	3791 (998)	4107 (1314)	4423 (1630)	4739 (1946)	ALTITUDES (HEIGHT)

TRANSITION ALTITUDE 13000
TRANSITION LEVEL FL150

MISSED APPROACH

Climb on Course 281° to TR510, then turn left direct to ROVEX TO 7000 ft and hold

THR ELEV 2793
(THR RWY 28)



Straight-in Approach	ACFT CAT	A	B	C	D
	LNAV	OCA (H)	3240 (447)		
		RVR	1900		
CIRCLING		OCA (H)	3310 (505)	3530 (725)	
		VIS(m)	2400	2800	3700 4600

NOTE: RVR/VIS Related to MDA(H) = OCA(H)

NOTE:

NM to/from THR RWY 28

Ground speed	Knots	70	90	110	120	130	150	170	190
Rate of Descent FAF-MAPt (5.2%)	Ft/min	369	474	579	632	685	790	895	1000

**INSTRUMENT
APPROACH
CHART – ICAO**

**AERODROME ELEV 2805 ft
HIEGHTS RELATED TO
THR RWY28 ELEV 2793 ft**

**TURAIF/Turaif AIRPORT (OETR)
RNAV (GNSS) RWY 28**

TABULAR DESCRIPTION

RNAV (GNSS) RWY 28											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-Over	Course M° (T°)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft.)	Speed Limit (kt)	VPA/TCH (°/ft)	Navigation Specification
010	IF	KEDES	-	-	-	-	-	9000	-	-	RNP APCH
020	TF	TR530	-	289(293.78)	-4.6	16.7	-	5000	200	-	RNP APCH
010	IF	RAGLO	-	-	-	-	-	10000	-	-	RNP APCH
020	TF	TR520	-	331(335.72)	-4.6	14.3	R	7000	-	-	RNP APCH
030	TF	TR530	-	011(015.48)	-4.6	8.0	L	5000	200	-	RNP APCH
010	IF	TAPTA	-	-	-	-	-	11500	-	-	RNP APCH
020	TF	TR520	-	020(024.17)	-4.6	18.9	-	7000	-	-	RNP APCH
030	TF	TR530	-	011(015.48)	-4.6	8.0	L	5000	200	-	RNP APCH
010	IF	ROVEX	-	-	-	-	-	7000	-	-	RNP APCH
020	TF	TR520	-	101(105.25)	-4.6	24.0	L	7000	-	-	RNP APCH
030	TF	TR530	-	011(015.48)	-4.6	8.0	L	5000	200	-	RNP APCH
010	IF	TR530	-	-	-	-	-	5000	-	-	RNP APCH
020	TF	KEBUT	-	281(285.50)	-4.6	4.1	-	4900	-	-	RNP APCH
030	TF	RWY28	Y	281(285.45)	-4.6	6.5	-	@ 2843	-	-3.0°/50	RNP APCH
040	CF	TR510	Y	281(285.38)	-4.6	8.9	-	@ 4400	-	-	RNP APCH
050	DF	ROVEX	-	-	-4.6	-	L	7000	-	-	RNP APCH
060	HM	ROVEX	Y	011(015.23)	-4.6	1min	R	7000	230	-	RNP APCH

WAYPOINT LIST

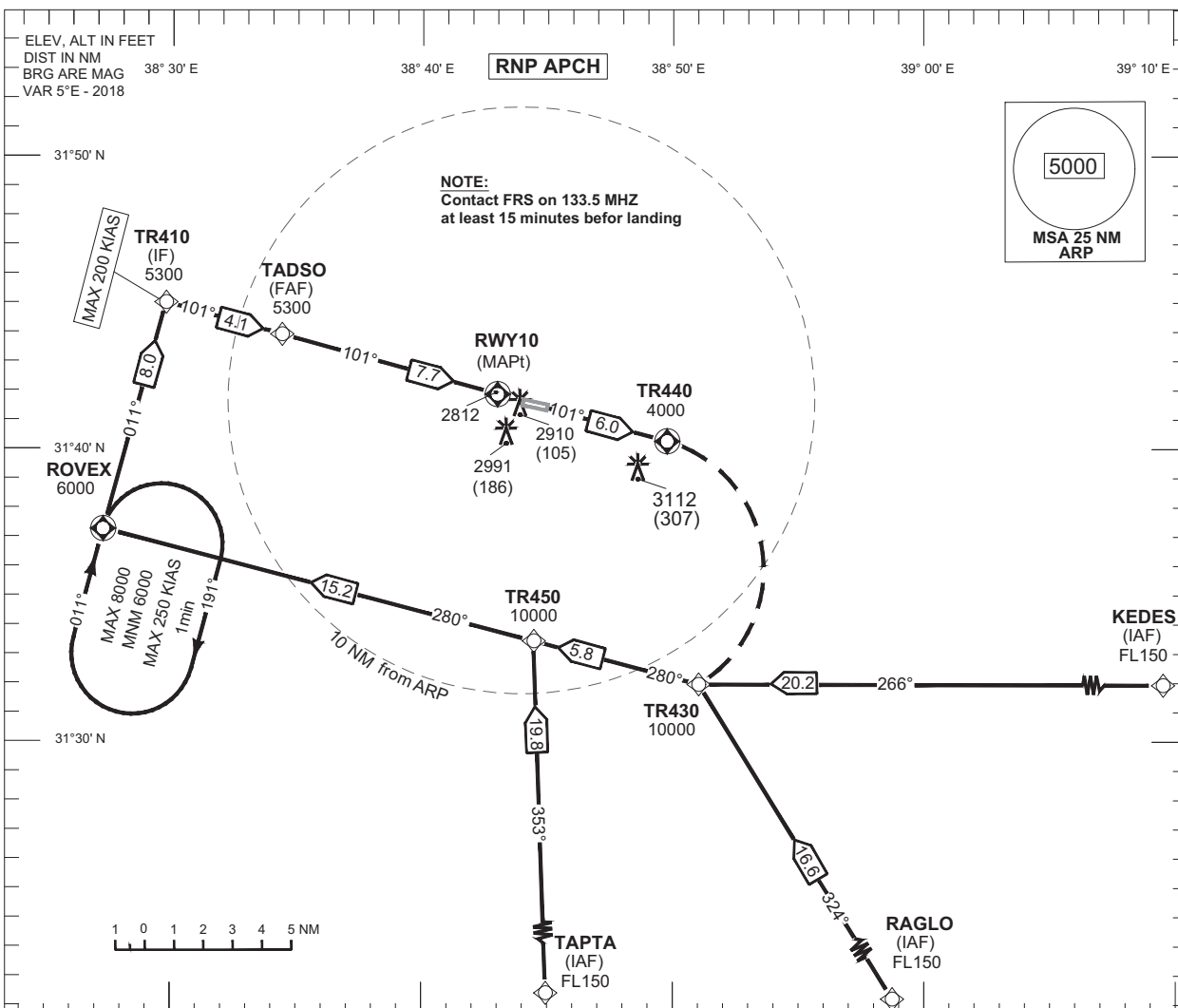
RNAV (GNSS) RWY 28		
Waypoint identifier	Coordinates	
TAPTA (IAF)	31° 13' 38.66" N	038° 45' 13.33 "E
RAGLO (IAF)	31° 17' 49.68" N	039° 01' 09.71 " E
KEDES (IAF)	31° 31' 55.04"N	039° 14' 39.40 " E
TR520 (TP)	31° 30' 54.72" N	038° 54' 16.34 "E
TR530 (IF)	31° 38' 38.27" N	038° 56' 46.48 " E
KEBUT (FAF)	31° 39' 44.12" N	038° 52' 08.65 " E
MAPt (RWY28)	31° 41' 27.49 "N	038° 44' 50.92" E
TR510 (MATP)	31° 43' 49.33 "N	038°34' 46.23 "E
ROVEX (MAHF)	31° 37' 16.61 "N	038° 27' 13.51 "E

INSTRUMENT
APPROACH
CHART – ICAO

AERODROME ELEV 2805 ft
HEIGHTS RELATED TO
AERODROME ELEV 2805 ft

FRS: 133.5
TIBA: 122.8
UNCONTROLLED AD

TURAIF / Turaif (OETR)
RNAV (GNSS) RWY 10

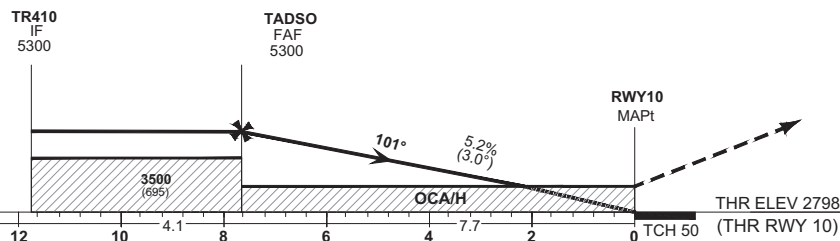


DISTANCE FROM THR	7	6	5	4	3	2	RWY10
ALTITUDES (HEIGHT)	5060 (2262)	4744 (1946)	4428 (1630)	4112 (1314)	3796 (998)	3480 (682)	

TRANSITION ALTITUDE 13000
TRANSITION LEVEL FL150

MISSED APPROACH

Climb on Course 101° to TR440, then turn right direct to TR430, then track 280 to ROVEX to 6000 ft and hold.



Straight-in Approach	ACFT CAT	A	B	C	D
	LNAV	OCA (H)	3300 (495)		
CIRCLING	LNAV	RVR	(2300)		
	LNAV	OCA (H)	3310 (505)	3530 (725)	
CIRCLING	LNAV	Vis (m)	2400	2800	3700
	LNAV	Vis (m)			4600

NOTE: RVR / VIS Related to MDA(H) = OCA(H)

NOTE:
NM to/from THR RWY 10

Ground speed	Knots	70	90	110	120	130	150	170	190
Rate of Descent	Ft/min	369	474	579	632	685	790	895	1000

**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 2805 ft
HIEGHTS RELATED TO
AERODROME ELEV 2805 ft**

TURAIF / Turaif (OETR)

RNAV (GNSS) RWY 10

TABULAR DESCRIPTION

RNAV (GNSS) RWY 10											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-Over	Course M° (T°)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft.)	Speed Limit (kt)	VPA/TCH (°/ft)	Navigation Specification
010	IF	KEDES	-	-	-	-	-	15000	-	-	RNP APCH
020	TF	TR430	-	266(270.3)	-4.6	20.2	-	10000	-	-	RNP APCH
030	TF	ROVEX	-	280(284.7)	-4.6	21.0	-	6000	-	-	RNP APCH
040	TF	TR410	-	011(015.3)	-4.6	8.0	R	5300	200	-	RNP APCH
010	IF	RAGLO	-	-	-	-	-	15000	-	-	RNP APCH
020	TF	TR430	-	324(328.5)	-4.6	16.6	-	10000	-	-	RNP APCH
030	TF	ROVEX	-	280(284.7)	-4.6	21.0	-	6000	-	-	RNP APCH
040	TF	TR410	-	011(015.3)	-4.6	8.0	R	5300	200	-	RNP APCH
010	IF	TAPTA	-	-	-	-	-	15000	-	-	RNP APCH
020	TF	TR450	-	353(358.0)	-4.6	19.8	-	10000	-	-	RNP APCH
030	TF	ROVEX	-	280(284.7)	-4.6	15.2	L	6000	-	-	RNP APCH
040	TF	TR410	-	011(015.3)	-4.6	8.0	R	5300	200	-	RNP APCH
010	IF	TR410	-	-	-	-	-	5300	-	-	RNP APCH
020	TF	TADSO	-	101(105.3)	-4.6	4.1	-	5300	-	-	RNP APCH
030	TF	RWY10	Y	101(105.3)	-4.6	7.7	-	@2848	-	-3.0°/50	RNP APCH
040	CF	TR440	Y	101(105.3)	-4.6	6.0	-	@4000	-	-	RNP APCH
050	DF	TR430	-	-	-4.6	-	R	-	-	-	RNP APCH
060	TF	ROVEX	-	280(284.7)	-4.6	21.0	-	6000	-	-	RNP APCH
070	HM	ROVEX	Y	011(015.3)	-4.6	1min	R	6000	-	-	RNP APCH
010	HM	ROVEX	Y	011 (015.3)	-4.6	1min	R	6000	-	-	RNP APCH

WAYPOINT LIST

RNAV (GNSS) RWY 10		
Waypoint Identifier	Coordinates	
TAPTA (IAF)	31° 13' 38.66"N	038° 45' 13.33"E
RAGLO (IAF)	31° 17' 49.68"N	039° 01' 09.71"E
KEDES (IAF)	31° 31' 55.04"N	039° 14' 39.40"E
ROVEX (TP)	31° 37' 16.61"N	038° 27' 13.51"E
TR450 (TP)	31° 33' 28.00"N	038° 44' 24.83"E
TR430 (TP)	31° 31' 59.00"N	038° 51' 00.66"E
TR410 (IF)	31° 45' 00.68"N	038° 29' 41.59"E
TADSO (FAF)	31° 43' 56.33"N	038° 34' 17.01"E
MAPt (RWY10)	31° 41' 53.79"N	038° 42' 59.22"E
TR440 (MATP)	31° 40' 17.88"N	038° 49' 45.95"E
THR10	31° 41' 53.79"N	038° 42' 59.22"E

- END -