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SUP 34/24
25th SEP 2024

SUPPLEMENT TO OMAN AIP

MUSCAT INTL (OOMS) RWY08R/26L (Southern RWY) NEW INSTRUMENT FLIGHT PROCEDURES (IFPs)

AIP Supplement page should be kept as the first item in Oman AIP related parts.

A checklist of valid AIP Supplements will be issued through the NOTAM Checklist at intervals of not more than one month.

NOTAM OR AIP SUP CANCELLED BY THIS AIP SUPPLEMENT				SUP 28/24
AFFECTED AREA	OOMS - MUSCAT AIRPORT			
PERIOD OF VALIDITY	**FROM**	2409251300	**TO**	2412312359

1 INTRODUCTION

1.1 The purpose of this AIP Supplement is to notify aircraft operators and pilots of the introduction of Instrument Flight Procedures for RWY08R/26L (Southern RWY).

1.2 RWY08R/26L will be opened on 16 May 2024. During the initial phase RWY08R/26L will only be operated daily for a limited period of time as notified by NOTAM.

2 RWY08R/26L INSTRUMENT AND VISUAL FLIGHT PROCEDURES

2.1 GENERAL

2.1.1 Speed Restriction within the Muscat TMA

2.1.1.1 The following speed restrictions will apply within the Muscat TMA:

Below 10 000FT ALT: MAX 250 KIAS

2.2 DEPARTURE PROCEDURES

2.2.1 The following temporary Departure Procedures will be used unless directed otherwise by ATC:

RWY	SID	DEPARTURE PROCEDURE
RWY 08R	**S08R D** (SIERRA 08 RIGHT DEPARTURE)	AFTER TAKEOFF, MAINTAIN RWY TRACK 083°M CLIMBING TO 3000FT. MINIMUM CLIMB GRADIENT 5 PERCENT. FURTHER CLIMB AND VECTORING AS INSTRUCTED BY MUSCAT APPROACH. IF UNABLE TO COMPLY INFORM ATC.
RWY 26L	**S26L D** (SIERRA 26 LEFT DEPARTURE)	AFTER TAKEOFF, MAINTAIN RWY TRACK 263°M CLIMBING TO 3000FT. MINIMUM CLIMB GRADIENT 5 PERCENT. FURTHER CLIMB AND VECTORING AS INSTRUCTED BY MUSCAT APPROACH. IF UNABLE TO COMPLY INFORM ATC.

3.1 ARRIVAL PROCEDURES

3.1.1 Aircraft will be vectored and sequenced to the appropriate Instrument Approach Procedure (IAP) so as to ensure an expeditious flow of traffic. Radar vectors and flight levels/altitudes will be issued, as required, for spacing and separating aircraft so that the correct landing intervals are maintained, considering various factors including aircraft characteristics.

3.1.2 Inbound aircraft can expect radar vectoring to the following IAP:

RWY	ARRIVAL PROCEDURE
RWY 08R	RADAR VECTORS for RNP RWY08R VIA KODIL, BOTID OR ELELA.
RWY 26L	RADAR VECTORS for RNP RWY26L VIA OBNEG, KUSTO OR SUTPA

3.1.3 For flight planning purposes all arriving traffic to OOMS shall file flight plan route to MCT DVOR.

3.2 APPROACH PROCEDURES

3.2.1 The following Instrument Approach Procedures (IAP) will be implemented for RWY08R/26L (see Appendix A):

RWY08R: RNP RWY08R
RWY26L: RNP RWY26L

3.2.2 ILS (CAT I) and VOR/DME IAPs for RWY08R/26L are under development and will be published via AIP SUP at a future date.

3.3 VISUAL FLIGHT PROCEDURES

3.3.1 Operators may request radar vectors for a Visual Approach onto the runway in use. Visual Approaches will be conducted at pilot's discretion and at own risk.

3.3.1.1 Visual Maneuvering/Circling (VM/C) is NOT permitted.

4 LIST OF WAYPOINTS

4.1 Refer to Appendix B for list of Waypoints.

5 LIST OF TERMINAL AREA (TMA) HOLDS

5.1 Refer to Appendix C for list of Terminal Area (TMA) Holds.

6 IMPLEMENTATION DATE

6.1 This AIP Supplement and relevant charts will become effective at 0000UTC on 16 May 2024.

7 CANCELLATION

7.1 This AIP Supplement will remain until the relevant contents are incorporated into Oman AIP.

8 CONTACT DETAILS

8.1 Operational queries can be directed to:

ACC/APP SUPERVISOR	Tel +968 2435 4888/4889 Email acc-supvrs@caa.gov.om
TWR SUPERVISOR	Tel +968 2435 4903/4904 Email newtower2@caa.gov.om

8.2 Queries regarding publication matters can be directed to:

STATIC DATA COORDINATOR	Tel +968 2435 4955 Email sdc@caa.gov.om

9 LIST OF APPENDIXES TO THIS AIP SUP

9.1 APPENDIX A: OOMS RWY08R/26L INSTRUMENT APPROACH CHARTS
9.2 APPENDIX B: LIST OF WAYPOINTS
9.3 APPENDIX C: LIST OF TERMINAL AREA (TMA) HOLDS

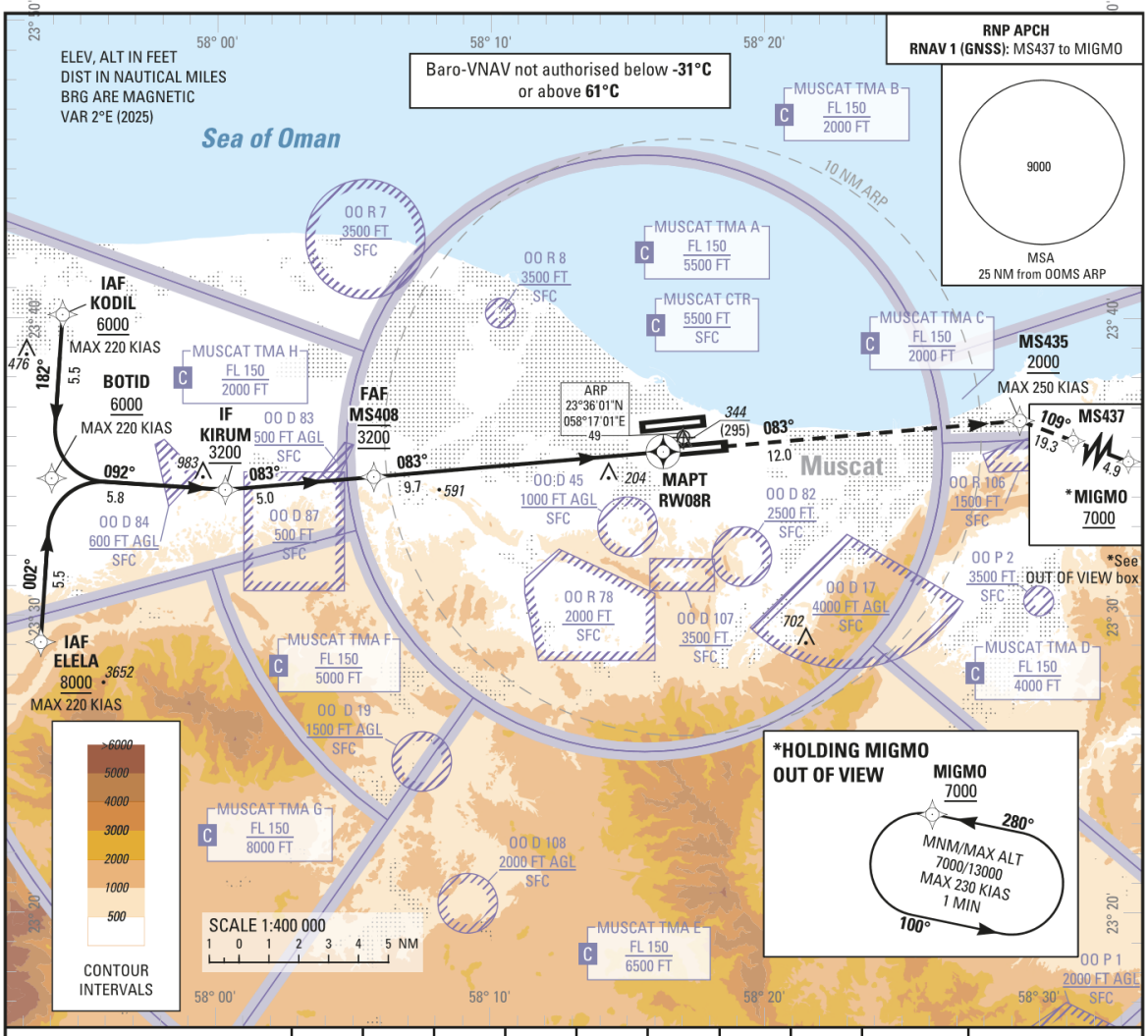
INSTRUMENT APPROACH CHART - ICAO

AD ELEV 49 FT

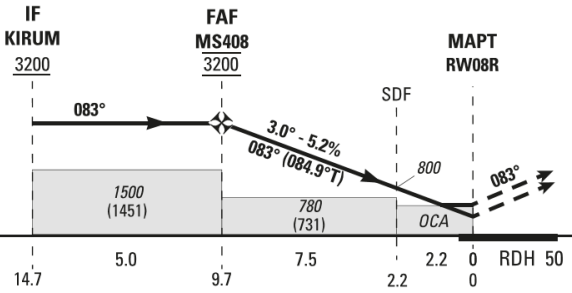
HEIGHTS RELATED TO DTHR RWY 08R ELEV 49 FT

ATIS	126.800	APP/RAD	121.200
TWR	118.825	APP Standby	119.500
GND	121.800	Clearance delivery	125.575

MUSCAT/Muscat Intl
OMAN
RNP RWY 08R



TRANSITION ALTITUDE 13000	9	8	7	6	5	4	3	2	RW08R	NM to NEXT WPT
	2960	2650	2330	2010	1690	1370	1050	740		ALTITUDE



MISSED APPROACH:
Climb on course **083°M** to **MS435** (MAX **250 KIAS**) at or above **2000**, then to **MS437**, then to **MIGMO** at **7000** and hold or follow ATC instructions.
Hold at **MIGMO** MAX **230 KIAS**.
If unable to reach **7000** at **MIGMO**, continue climbing, in the hold to **7000**.

OCA (H)	A	B	C	D
LNAV/VNAV	***370*** (321)		***400*** (351)	***420*** (371)
LNAV	***540*** (491)			
CIRCLING	NOT AUTHORIZED			

Note: MAPT located at DTHR RWY08R

GS	kt	70	85	100	115	130	145	160	185
FAF-MAPT 9.7 NM	min:s	**8:21**	**6:52**	**5:51**	**5:05**	**4:30**	**4:02**	**3:39**	**3:10**
Rate of descent 5.2%	ft/min	**370**	**450**	**530**	**610**	**690**	**770**	**850**	**980**

CHANGE: New IFP & chart

Route Description: RNP RWY 08R

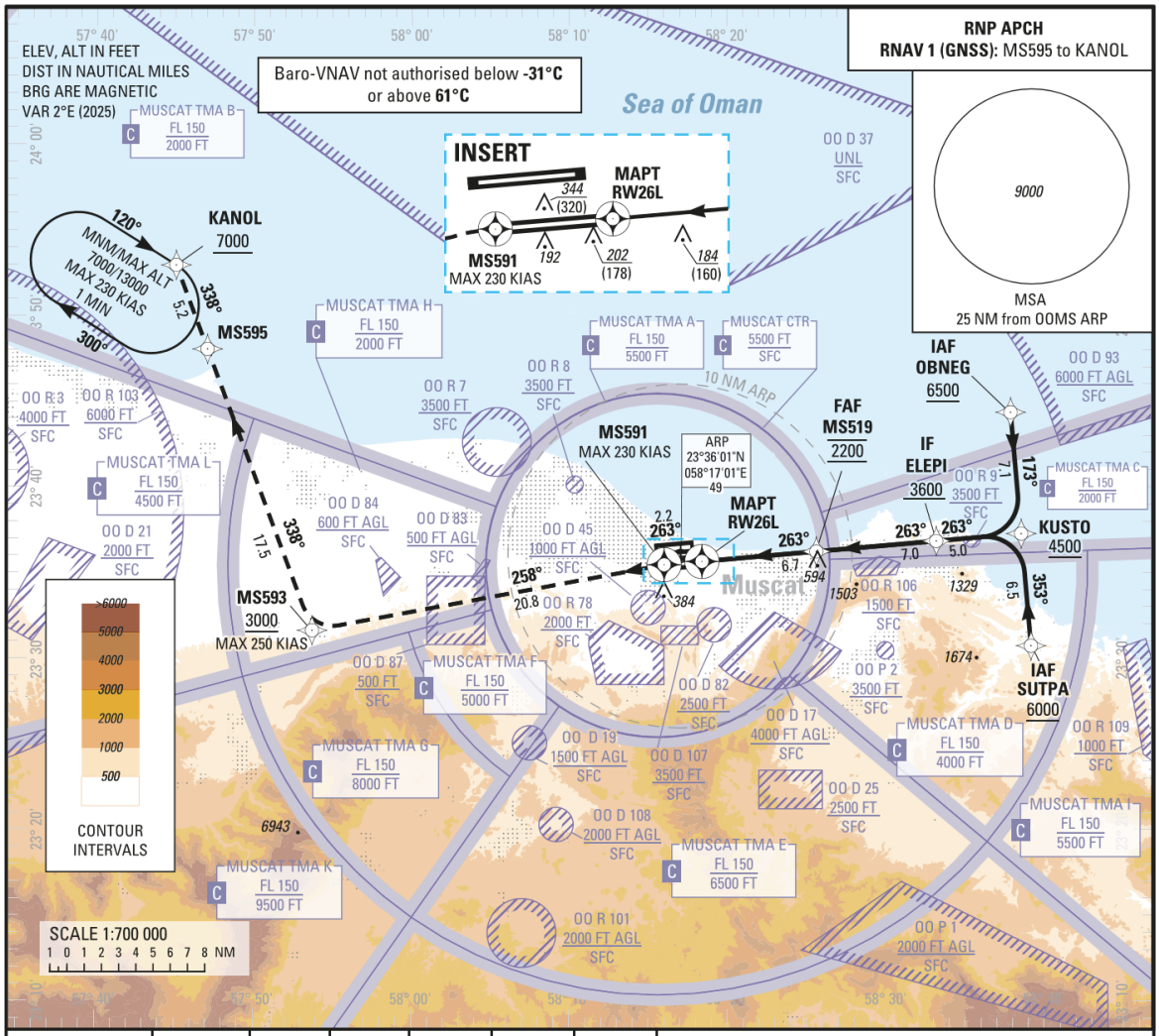
Serial Number	Path Descriptor	Waypoint Identifier	Coordinates	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn direction	Altitude (FT)	Speed (KT)	VPA/ TCH (°/FT)	Navigation Specification
001	IF	ELELA	23°29'05.4830"N 057°53'35.8780"E	-	-	1.8°E	-	-	+8000	-220	-	RNP APCH
002	TF	BOTID	23°34'35.9100"N 057°53'58.7300"E	-	002 (003.6)	1.8°E	5.5	-	+6000	-220	-	RNP APCH
003	TF	KIRUM	23°34'13.4070"N 058°00'18.8410"E	-	092 (093.7)	1.8°E	5.8	-	+3200	-	-	RNP APCH
001	IF	KODIL	23°40'06.3320"N 057°54'21.6140"E	-	-	1.8°E	-	-	+6000	-220	-	RNP APCH
002	TF	BOTID	23°34'35.9100"N 057°53'58.7300"E	-	182 (183.7)	1.8°E	5.5	-	+6000	-220	-	RNP APCH
003	TF	KIRUM	23°34'13.4070"N 058°00'18.8410"E	-	092 (093.7)	1.8°E	5.8	-	+3200	-	-	RNP APCH
001	IF	KIRUM	23°34'13.4070"N 058°00'18.8410"E	-	-	1.8°E	-	-	-	-	-	RNP APCH
002	TF	MS408	23°34'40.0420"N 058°05'44.1150"E	-	083 (084.9)	1.8°E	5.0	-	@3200	-	-	RNP APCH
003	TF	RW08R	23°35'31.3814"N 058°16'17.7939"E	Y	083 (084.9)	1.8°E	9.7	-	@99	-	- 3.0/50	RNP APCH
004	CF	MS435	23°36'33.6460"N 058°29'18.7930"E	-	083 (085.0)	1.8°E	12.0	-	+2000	-250	-	RNP APCH
005	TF	MS437	23°29'38.6270"N 058°48'55.5480"E	-	109 (110.9)	1.8°E	19.3	-	-	-	-	RNP APCH
006	TF	MIGMO	23°27'52.7600"N 058°53'54.2800"E	-	109 (111.0)	1.8°E	4.9	-	+7000	-	-	RNAV 1
007	HM	MIGMO	23°27'52.7600"N 058°53'54.2800"E	Y	280 (282)	1.8°E	1 MIN	L	@7000	-230	-	RNAV 1

INSTRUMENT APPROACH CHART - ICAO

AD ELEV 49 FT
HEIGHTS RELATED TO
THR RWY 26L ELEV 24 FT

ATIS	126.800	APP/RAD	121.200
TWR	118.825	APP Standby	119.500
GND	121.800	Clearance delivery	125.575

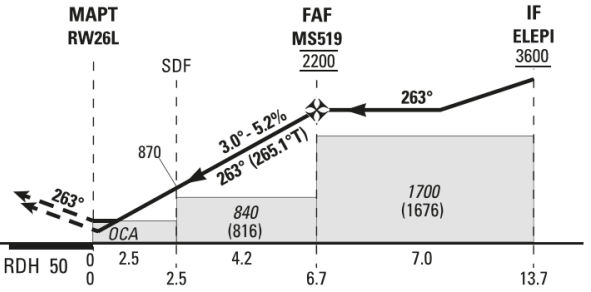
MUSCAT/Muscat Intl
OMAN
RNP RWY 26L



NM to Next WPT	RWY26L	2	3	4	5	6
ALTITUDE		710	1030	1350	1670	1980

TRANSITION ALTITUDE 13000

MISSED APPROACH:
Climb on course **263°M** to **MS591** (MAX **230 KIAS**), then to **MS593** (MAX **250 KIAS**) at or above **3000**, then to **KANOL** at **7000** and hold or follow ATC instructions. Hold at **KANOL** MAX **230 KIAS**. If unable to reach **7000** at **KANOL**, continue climbing in the hold to **7000**.



THR ELEV 24
NM to NEXT WPT
NM to THR RWY 26L

OCA (H)	A	B	C	D
LNAV/VNAV	***360*** (336)	***370*** (346)	***390*** (366)	
LNAV	***470*** (446)			
CIRCLING	NOT AUTHORIZED			

GS	kt	70	85	100	115	130	145	160	185
FAF-MAPT 6.7NM	min:s	5:43	4:43	4:00	3:29	3:05	2:46	2:30	2:10
Rate of descent	ft/min	370	450	530	610	690	770	850	980

CHANGE: New IFP & chart

Route Description: RNP RWY 26L

Serial Number	Path Descriptor	Waypoint Identifier	Coordinates	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn direction	Altitude (FT)	Speed (KT)	VPA/ TCH (°/FT)	Navigation Specification
001	IF	SUTPA	23°30'44.7310"N 058°39'13.4150"E	-	-	-	-	-	+6000	-	-	RNP APCH
002	TF	KUSTO	23°37'17.5160"N 058°38'37.3490"E	-	353 (355.2)	1.8°E	6.5	-	+4500	-	-	RNP APCH
003	TF	ELEPI	23°36'52.2330"N 058°33'14.4980"E	-	263 (265.2)	1.8°E	5.0	-	+3600	-	-	RNP APCH
001	IF	OBNEG	23°44'22.5310"N 058°37'58.2540"E	-	-	1.8°E	-	-	+6500	-	-	RNP APCH
002	TF	KUSTO	23°37'17.5160"N 058°38'37.3490"E	-	173 (175.2)	1.8°E	7.1	-	+4500	-		RNP APCH
003	TF	ELEPI	23°36'52.2330"N 058°33'14.4980"E	-	263 (265.2)	1.8°E	5.0	-	+3600	-	-	RNP APCH
001	IF	ELEPI	23°36'52.2330"N 058°33'14.4980"E	-	-	1.8°E	-	-	+3600	-	-	RNP APCH
002	TF	MS519	23°36'16.2300"N 058°25'38.8700"E	-	263 (265.1)	1.8°E	7.0	-	@2200	-	-	RNP APCH
003	TF	RW26L	23°35'41.5458"N 058°18'24.3113"E	Y	263 (265.1)	1.8°E	6.7	-	@74	-	-3.0/ 50	RNP APCH
004	CF	MS591	23°35'30.0200"N 058°16'00.9400"E	Y	263 (265.0)	1.8°E	2.2	-	-	- 230	-	RNP APCH
005	TF	MS593	23°31'39.0740"N 057°53'43.8500"E	-	258 (259.5)	1.8°E	20.8	-	+3000	- 250	-	RNP APCH
006	TF	MS595	23°48'03.9650"N 057°47'03.8850"E	-	338 (339.5)	1.8°E	17.5	-	-	-	-	RNP APCH
007	TF	KANOL	23°52'57.8700"N 057°45'04.1800"E	-	338 (339.5)	1.8°E	5.2	-	+7000	-	-	RNAV 1
008	HM	KANOL	23°52'57.8700"N 057°45'04.1800"E	Y	120 (122.0)	1.8°E	1 MIN	R	@7000	- 230	-	RNAV 1

APPENDIX B: LIST OF WAYPOINTS

Waypoint	Latitude	Longitude	Notes
BOTID	23°34'35.9100"N	057°53'58.7300"E	Replacement for M20WL.
DATGA	23°45'58.7150"N	058°01'36.3580"E	
EGREB	23°15'54.2400"N	058°12'38.7750"E	
ELELA	23°29'05.4830"N	057°53'35.8780"E	
ELEPI	23°36'52.2330"N	058°33'14.4980"E	
ELIGO	23°24'58.0000"N	059°08'48.0000"E	
ELUNU	23°28'42.8250"N	058°14'35.0330"E	
GERAR	24°06'00.0000"N	057°36'16.0000"E	
IMLUM	22°45'46.7640"N	058°08'06.8460"E	
ITIKA	23°48'40.5880"N	057°23'03.1170"E	
KANOL	23°52'57.8700"N	057°45'04.1800"E	
KIRUM	23°34'13.4070"N	058°00'18.8410"E	
KODIL	23°40'06.3320"N	057°54'21.6140"E	
KUSTO	23°37'17.5160"N	058°38'37.3490"E	
LADBA	23°49'30.6500"N	058°51'45.0400"E	
LAKLU	23°22'35.0000"N	057°04'01.0000"E	
LOPUN	22°47'30.3230"N	058°31'31.5750"E	
MIGMO	23°27'52.7600"N	058°53'54.2800"E	
MS408	23°34'40.0420"N	058°05'44.1150"E	
MS435	23°36'33.6460"N	058°29'18.7930"E	
MS437	23°29'38.6270"N	058°48'55.5480"E	
MS491	23°28'55.5000"N	058°03'10.1200"E	
MS493	23°28'19.0320"N	058°34'14.7180"E	
MS494	23°14'05.6820"N	058°56'49.8460"E	
MS519	23°36'16.2300"N	058°25'38.8700"E	
MS537	23°29'52.5910"N	058°28'35.2080"E	
MS546	23°46'39.5770"N	058°24'05.6500"E	
MS591	23°35'30.0200"N	058°16'00.9400"E	
MS593	23°31'39.0740"N	057°53'43.8500"E	
MS595	23°48'03.9650"N	057°47'03.8850"E	
OBNEG	23°44'22.5310"N	058°37'58.2540"E	
OBTIN	23°02'16.0000"N	058°59'20.0000"E	
RW08R	23°35'31.3814"N	058°16'17.7939"E	DTHR RWY08R.
RW26L	23°35'41.5458"N	058°18'24.3113"E	
SUTPA	23°30'44.7310"N	058°39'13.4150"E	
UMIDO	23°29'02.0000"N	057°33'02.6100"E	
VUSET	23°55'40.0000"N	059°08'12.0000"E	

APPENDIX C: LIST OF TERMINAL AREA (TMA) HOLDS

Waypoint Identifier	Coordinates	Inbound Course °M (°T)	Time Outbound	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT/FL)	Speed Limit (KT)	MAG VAR (°E)
EGREB	23°15'54.2400"N 058°12'38.7750"E	006 (008.0)	1 MIN	L	9000	13000	-230	1.8
KANOL	23°52'57.8700"N 057°45'04.1800"E	120 (122.0)	1 MIN	R	7000	13000	-230	1.8
LADBA	23°49'30.6500"N 058°51'45.0400"E	245 (247.0)	1 MIN	R	7000	13000	-230	1.8
MIGMO	23°27'52.7600"N 058°53'54.2800"E	280 (282.0)	1 MIN	L	7000	13000	-230	1.8
UMIDO	23°29'02.0000"N 057°33'02.6100"E	088 (090.0)	1 MIN	R	13000	FL150	-230	1.8