

STANDARD ARRIVAL CHART - INSTRUMENT (STAR) - ICAO

**TRANSITION ALTITUDE
5000**

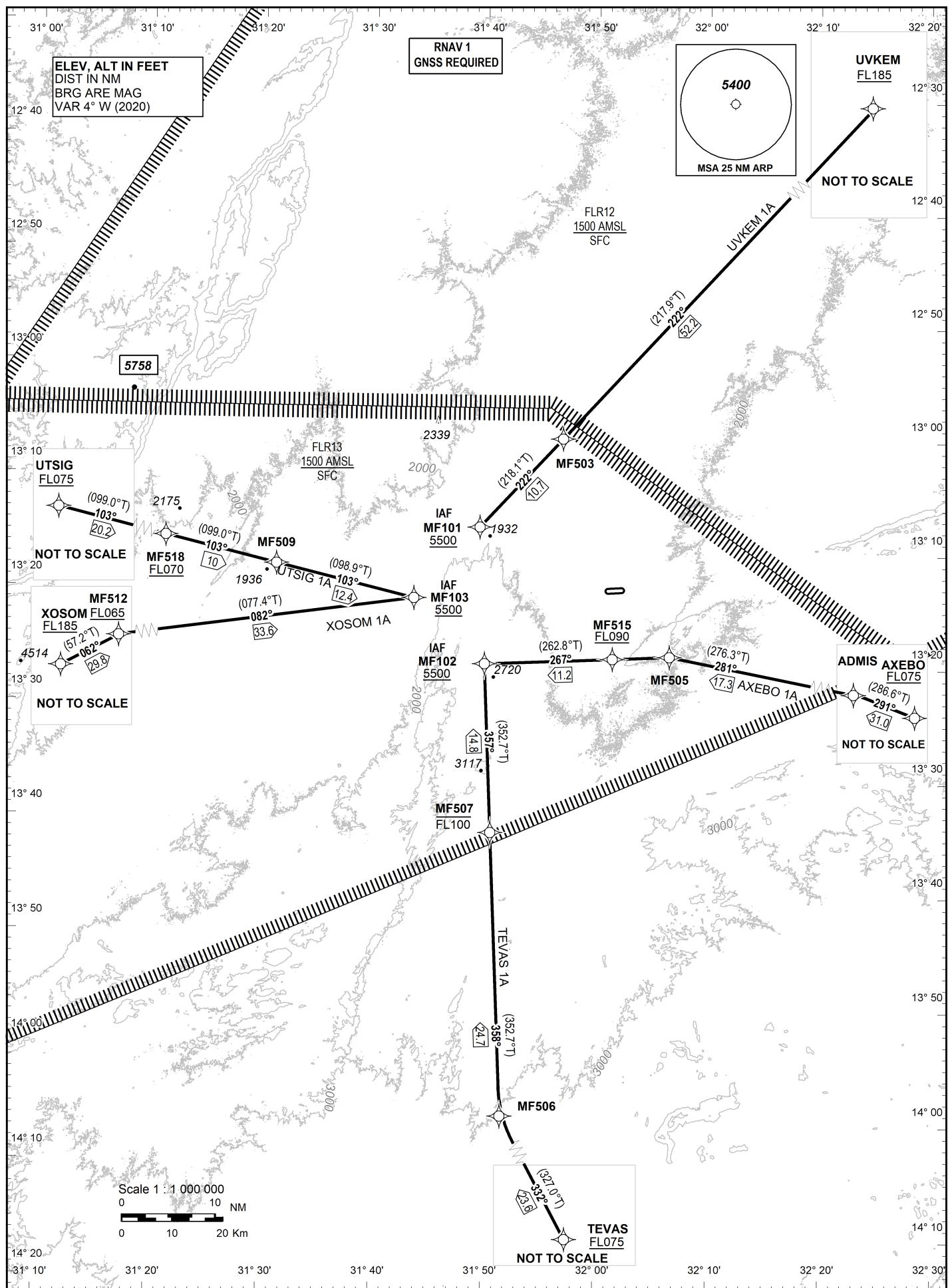
APP 120.700
TWR 118.300

MFUWE/Mfuwe

(FLMF)

(V-EMI) RNAV STAR RWY 09

AXEBO 1A, TEVAS 1A, UTSIG 1A, UVKEM 1A, XOSOM 1A



**STANDARD ARRIVAL CHART -
INSTRUMENT (STAR) - ICAO****MFUWE/Mfuwe****(FLMF)****RNAV STAR RWY 09**

AXEBO 1A, TEVAS 1A, UTSIG 1A, UVKEM 1A, XOSOM 1A

TABULAR DESCRIPTION**RNAV STAR RWY 09****AXEBO 1A**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course M°(T°)	Magnetic Variation (°)	Distance (NM) / Duration	Turn Direction	Altitude (FT)	Speed Limit (KT)	VPA (%)	Rec Navaids	Navigation Specification
010	IF	AXEBO	-	-	-	-	-	+FL075	-	-	-	RNAV 1
020	TF	ADMIS	-	291 (286.6)	-	31.0	-	-	-	-	-	RNAV 1
030	TF	MF505	-	281 (276.3)	-	17.3	-	-	-	-	-	RNAV 1
040	TF	MF515	-	267 (262.7)	-	5.0	-	+FL090	-	-	-	RNAV 1
050	TF	MF102	-	267 (262.8)	-	11.2	-	+5500	-	-	-	RNAV 1

TEVAS 1A

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course M°(T°)	Magnetic Variation (°)	Distance (NM) / Duration	Turn Direction	Altitude (FT)	Speed Limit (KT)	VPA (%)	Rec Navaids	Navigation Specification
010	IF	TEVAS	-	-	-	-	-	+FL075	-	-	-	RNAV 1
020	TF	MF506	-	332 (327.0)	-	23.6	-	-	-	-	-	RNAV 1
030	TF	MF507	-	358 (352.7)	-	24.7	-	-FL100	-	-	-	RNAV 1
040	TF	MF102	-	357 (352.7)	-	14.8	-	+5500	-	-	-	RNAV 1

UTSIG 1A

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course M°(T°)	Magnetic Variation (°)	Distance (NM) / Duration	Turn Direction	Altitude (FT)	Speed Limit (KT)	VPA (%)	Rec Navaids	Navigation Specification
010	IF	UTSIG	-	-	-	-	-	+FL075	-	-	-	RNAV 1
020	TF	MF518	-	103 (099.0)	-	20.2	-	+FL070	-	-	-	RNAV 1
030	TF	MF509	-	103 (099.0)	-	10.0	-	-	-	-	-	RNAV 1
040	TF	MF103	-	103 (098.9)	-	12.4	-	+5500	-	-	-	RNAV 1

UVKEM 1A

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course M°(T°)	Magnetic Variation (°)	Distance (NM) / Duration	Turn Direction	Altitude (FT)	Speed Limit (KT)	VPA (%)	Rec Navaids	Navigation Specification
010	IF	UVKEM	-	-	-	-	-	+FL185	-	-	-	RNAV 1
020	TF	MF503	-	222 (217.9)	-	52.2	-	-	-	-	-	RNAV 1
030	TF	MF101	-	222 (218.1)	-	10.7	-	+5500	-	-	-	RNAV 1

XOSOM 1A

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course M°(T°)	Magnetic Variation (°)	Distance (NM) / Duration	Turn Direction	Altitude (FT)	Speed Limit (KT)	VPA (%)	Rec Navaids	Navigation Specification
010	IF	XOSOM	-	-	-	-	-	+FL185	-	-	-	RNAV 1
020	TF	MF512	-	062 (057.2)	-	29.8	-	+FL065	-	-	-	RNAV 1
030	TF	MF103	-	082 (077.4)	-	33.6	-	+5500	-	-	-	RNAV 1

**STANDARD ARRIVAL CHART -
INSTRUMENT (STAR) - ICAO****MFUWE/Mfuwe****(FLMF)****RNAV STAR RWY 09**

AXEBO 1A, TEVAS 1A, UTSIG 1A, UVKEM 1A, XOSOM 1A

**WAYPOINT LIST
RNAV STAR RWY 09**

WaypointIdentifier	Coordinates		WaypointIdentifier	Coordinates	
ADMIS	S 13 22 51.6	E 032 19 15.0	MF518	S 13 14 17.1	E 031 15 28.1
AXEBO	S 13 31 48.0	E 032 49 42.0	TEVAS	S 14 22 18.0	E 032 03 30.0
MF101	S 13 11 02.5	E 031 43 33.9	UTSIG	S 13 11 07.0	E 030 55 02.0
MF102	S 13 22 59.9	E 031 45 07.3	UVKEM	S 12 21 16.7	E 032 23 11.8
MF103	S 13 17 46.8	E 031 38 14.4	XOSOM	S 13 41 22.9	E 030 38 54.0
MF503	S 13 02 36.4	E 031 50 18.4			
MF505	S 13 20 56.8	E 032 01 37.7			
MF506	S 14 02 23.3	E 031 50 15.9			
MF507	S 13 37 43.9	E 031 47 02.5			
MF509	S 13 15 50.9	E 031 25 37.8			
MF512	S 13 25 08.6	E 031 04 38.8			
MF515	S 13 21 34.8	E 031 56 32.4			

ROUTING

NAME	TEXT
AXEBO 1A	From AXEBO track 291° to ADMIS, track 281° to MF505, track 267° to MF515, track 267° to MF102. MEA/MEL: AXEBO AT or ABOVE FL075, MF515 AT or ABOVE FL090, MF102 AT or ABOVE 5500'.
TEVAS 1A	From TEVAS track 332° to MF506, track 358° to MF507, track 357° to MF102. MEA/MEL: TEVAS AT or ABOVE FL075, MF507 AT or BELOW FL100, MF102 AT or ABOVE 5500'.
UTSIG 1A	From UTSIG track 103° to MF518, track 103° to MF509, track 103° to MF103. MEA/MEL: UTSIG AT or ABOVE FL075, MF518 AT or ABOVE FL070, MF103 AT or ABOVE 5500'.
UVKEM 1A	From UVKEM track 222° to MF503, track 222° to MF101. MEA/MEL: UVKEM AT or ABOVE FL185, MF101 AT or ABOVE 5500'.
XOSOM 1A	From XOSOM track 062° to MF512, track 082° to MF103. MEA/MEL: XOSOM AT or ABOVE FL185, MF512 AT or ABOVE FL065, MF103 AT or ABOVE 5500'.

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STANDARD ARRIVAL CHART -
INSTRUMENT (STAR) - ICAO

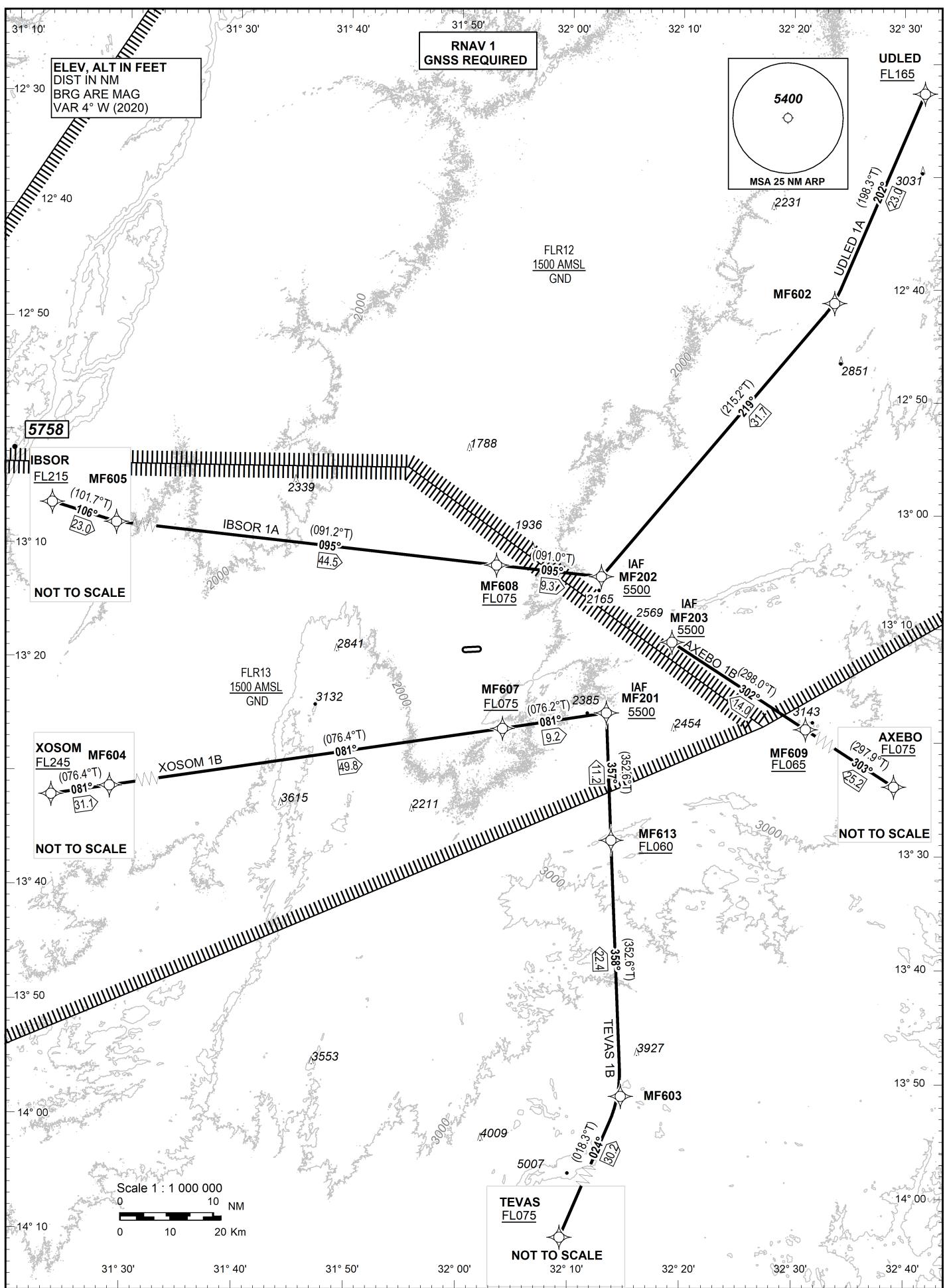
TRANSITION ALTITUDE
5000

APP 120.700
TWR 118.300

MFUWE/Mfuwe
(FLMF)

RNAV STAR RWY 27

AXEBO 1B, IBSOR 1A, TEVAS 1B, UDLED 1A, XOSOM 1B



**STANDARD ARRIVAL CHART -
INSTRUMENT (STAR) - ICAO**

MFUWE/Mfuwe

(FLMF)

RNAV STAR RWY 27

AXEBO 1B, IBSOR 1A, TEVAS 1B, UDLED 1A, XOSOM 1B

TABULAR DESCRIPTION

RNAV STAR RWY 27

AXEBO 1B

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course M°(T°)	Magnetic Variation (°)	Distance (NM) / Duration	Turn Direction	Altitude (FT)	Speed Limit (KT)	VPA (%)	Rec Navaids	Navigation Specification
010	IF	AXEBO	-	-	-	-	-	+FL075	-	-	-	RNAV 1
020	TF	MF609	-	303 (297.9)	-	25.2	-	+FL065	-	-	-	RNAV 1
030	TF	MF203	-	302 (298.0)	-	14.0	-	+5500	-	-	-	RNAV 1

IBSOR 1A

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course M°(T°)	Magnetic Variation (°)	Distance (NM) / Duration	Turn Direction	Altitude (FT)	Speed Limit (KT)	VPA (%)	Rec Navaids	Navigation Specification
010	IF	IBSOR	-	-	-	-	-	+FL215	-	-	-	RNAV 1
020	TF	MF605	-	106 (101.7)	-	23.0	-	-	-	-	-	RNAV 1
030	TF	MF608	-	095 (091.2)	-	44.5	-	+FL075	-	-	-	RNAV 1
040	TF	MF202	-	095 (091.0)	-	9.3	-	+5500	-	-	-	RNAV 1

TEVAS 1B

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course M°(T°)	Magnetic Variation (°)	Distance (NM) / Duration	Turn Direction	Altitude (FT)	Speed Limit (KT)	VPA (%)	Rec Navaids	Navigation Specification
010	IF	TEVAS	-	-	-	-	-	+FL075	-	-	-	RNAV 1
020	TF	MF603	-	024 (018.3)	-	30.2	-	-	-	-	-	RNAV 1
030	TF	MF613	-	358 (352.6)	-	22.4	-	+FL060	-	-	-	RNAV 1
040	TF	MF201	-	357 (352.6)	-	11.2	-	+5500	-	-	-	RNAV 1

UDLED 1A

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course M°(T°)	Magnetic Variation (°)	Distance (NM) / Duration	Turn Direction	Altitude (FT)	Speed Limit (KT)	VPA (%)	Rec Navaids	Navigation Specification
010	IF	UDLED	-	-	-	-	-	+FL165	-	-	-	RNAV 1
020	TF	MF602	-	202 (198.3)	-	23.0	-	-	-	-	-	RNAV 1
030	TF	MF202	-	219 (215.2)	-	31.7	-	+5500	-	-	-	RNAV 1

XOSOM 1B

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course M°(T°)	Magnetic Variation (°)	Distance (NM) / Duration	Turn Direction	Altitude (FT)	Speed Limit (KT)	VPA (%)	Rec Navaids	Navigation Specification
010	IF	XOSOM	-	-	-	-	-	+FL245	-	-	-	RNAV 1
020	TF	MF604	-	081 (076.5)	-	31.1	-	-	-	-	-	RNAV 1
030	TF	MF607	-	081 (076.4)	-	49.8	-	+FL075	-	-	-	RNAV 1
040	TF	MF201	-	081 (076.2)	-	9.2	-	+5500	-	-	-	RNAV 1

**STANDARD DEPARTURE CHART -
INSTRUMENT (SID) - ICAO****MFUWE/Mfuwe****(FLMF)****RNAV STAR RWY 27**

AXEBO 1B, IBSOR 1A, TEVAS 1B, UDLED 1A, XOSOM 1B

**WAYPOINT LIST
RNAV SID RWY 10**

WaypointIdentifier	Coordinates		WaypointIdentifier	Coordinates	
AXEBO	S 13 31 48.0	E 032 49 42.0	MF613	S 13 31 10.2	E 032 10 16.5
IBSOR	S 13 02 25.2	E 030 49 02.7	TEVAS	S 14 22 18.0	E 032 03 30.0
MF201	S 13 20 01.4	E 032 08 48.3	UDLED	S 12 20 06.5	E 032 33 22.3
MF202	S 13 08 04.1	E 032 07 13.8	XOSOM	S 13 41 22.9	E 030 38 54.0
MF203	S 13 13 16.4	E 032 14 07.0			
MF602	S 12 42 02.7	E 032 25 59.8			
MF603	S 13 53 31.1	E 032 13 13.9			
MF604	S 13 34 04.2	E 031 09 57.8			
MF605	S 13 07 04.9	E 031 12 07.6			
MF607	S 13 22 14.1	E 031 59 36.5			
MF608	S 13 07 54.7	E 031 57 42.1			
MF609	S 13 19 54.2	E 032 26 49.4			

ROUTING

NAME	TEXT
AXEBO 1B	From AXEBO track 303° to MF609, track 302 to MF203. MEA/MEL: AXEBO AT or ABOVE FL075, MF609 AT or ABOVE FL065, MF203 AT or ABOVE 5500'.
IBSOR 1A	From IBSOR track 106° to MF605, track 095° to MF608, track 095° to MF202. MEA/MEL: IBSOR AT or ABOVE FL215, MF608 AT or ABOVE FL075, MF202 AT or ABOVE 5500'.
TEVAS 1B	From TEVAS track 024° to MF603, track 358° to MF613, track 357° to MF201. MEA/MEL: TEVAS AT or ABOVE FL075, MF613 AT or ABOVE FL060, MF201 AT or ABOVE 5500'.
UDLED 1A	From UDLED track 202° to MF602, track 219° to MF202. MEA/MEL: UDLED AT or ABOVE FL165, MF202 AT or ABOVE 5500'.
XOSOM 1B	From XOSOM track 081° to MF604, track 081° to MF607, track 081° to MF201. MEA/MEL: XOSOM AT or ABOVE FL245, MF607 AT or ABOVE FL075, MF201 AT or ABOVE 5500'.

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