

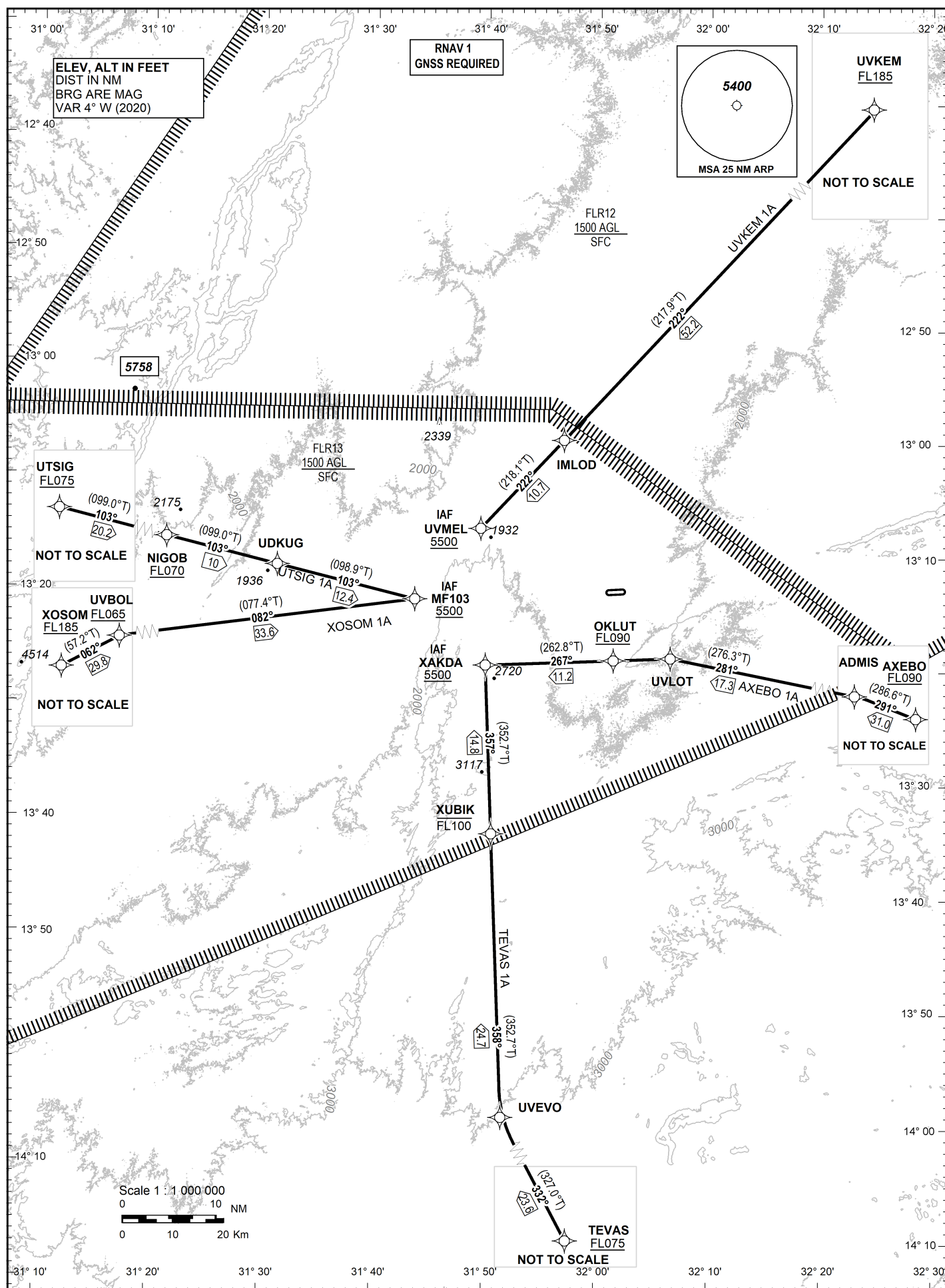
STANDARD ARRIVAL CHART -
INSTRUMENT (STAR) - ICAO

TRANSITION ALTITUDE
5000

APP 120.700
TWR 118.300

MFUWE/Mfuwe
(FLMF)
RNAV STAR RWY 09

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



STANDARD ARRIVAL CHART -
INSTRUMENT (STAR) - ICAO

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(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 Nav aids	Navigation Specification
010	IF	AXEBO	-	-	-	-	-	+FL090	-	-	-	RNAV 1
020	TF	ADMIS	-	291 (286.6)	-	31.0	-	-	-	-	-	RNAV 1
030	TF	UVLOT	-	281 (276.3)	-	17.3	-	-	-	-	-	RNAV 1
040	TF	OKLUT	-	267 (262.7)	-	5.0	-	+FL090	-	-	-	RNAV 1
050	TF	XAKDA	-	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 Nav aids	Navigation Specification
010	IF	TEVAS	-	-	-	-	-	+FL075	-	-	-	RNAV 1
020	TF	UVEVO	-	332 (327.0)	-	23.6	-	-	-	-	-	RNAV 1
030	TF	XUBIK	-	358 (352.7)	-	24.7	-	-FL100	-	-	-	RNAV 1
040	TF	XAKDA	-	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 Nav aids	Navigation Specification
010	IF	UTSIG	-	-	-	-	-	+FL075	-	-	-	RNAV 1
020	TF	NIGOB	-	103 (099.0)	-	20.2	-	+FL070	-	-	-	RNAV 1
030	TF	UDKUG	-	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 Nav aids	Navigation Specification
010	IF	UVKEM	-	-	-	-	-	+FL185	-	-	-	RNAV 1
020	TF	IMLOD	-	222 (217.9)	-	52.2	-	-	-	-	-	RNAV 1
030	TF	UVMEL	-	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 Nav aids	Navigation Specification
010	IF	XOSOM	-	-	-	-	-	+FL185	-	-	-	RNAV 1
020	TF	UVBOL	-	062 (057.2)	-	29.8	-	+FL065	-	-	-	RNAV 1
030	TF	MF103	-	082 (077.4)	-	33.6	-	+5500	-	-	-	RNAV 1

WAYPOINT LIST
RNAV STAR RWY 09

WaypointIdentifier	Coordinates		WaypointIdentifier	Coordinates	
ADMIS	S 13 22 51.6	E 032 19 15.0	NIGOB	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
UVMEL	S 13 11 02.5	E 031 43 33.9	UTSIG	S 13 11 07.0	E 030 55 02.0
XAKDA	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
IMLOD	S 13 02 36.4	E 031 50 18.4			
UVLOT	S 13 20 56.8	E 032 01 37.7			
UVEVO	S 14 02 23.3	E 031 50 15.9			
XUBIK	S 13 37 43.9	E 031 47 02.5			
UDKUG	S 13 15 50.9	E 031 25 37.8			
UVBOL	S 13 25 08.6	E 031 04 38.8			
OKLUT	S 13 21 34.8	E 031 56 32.4			

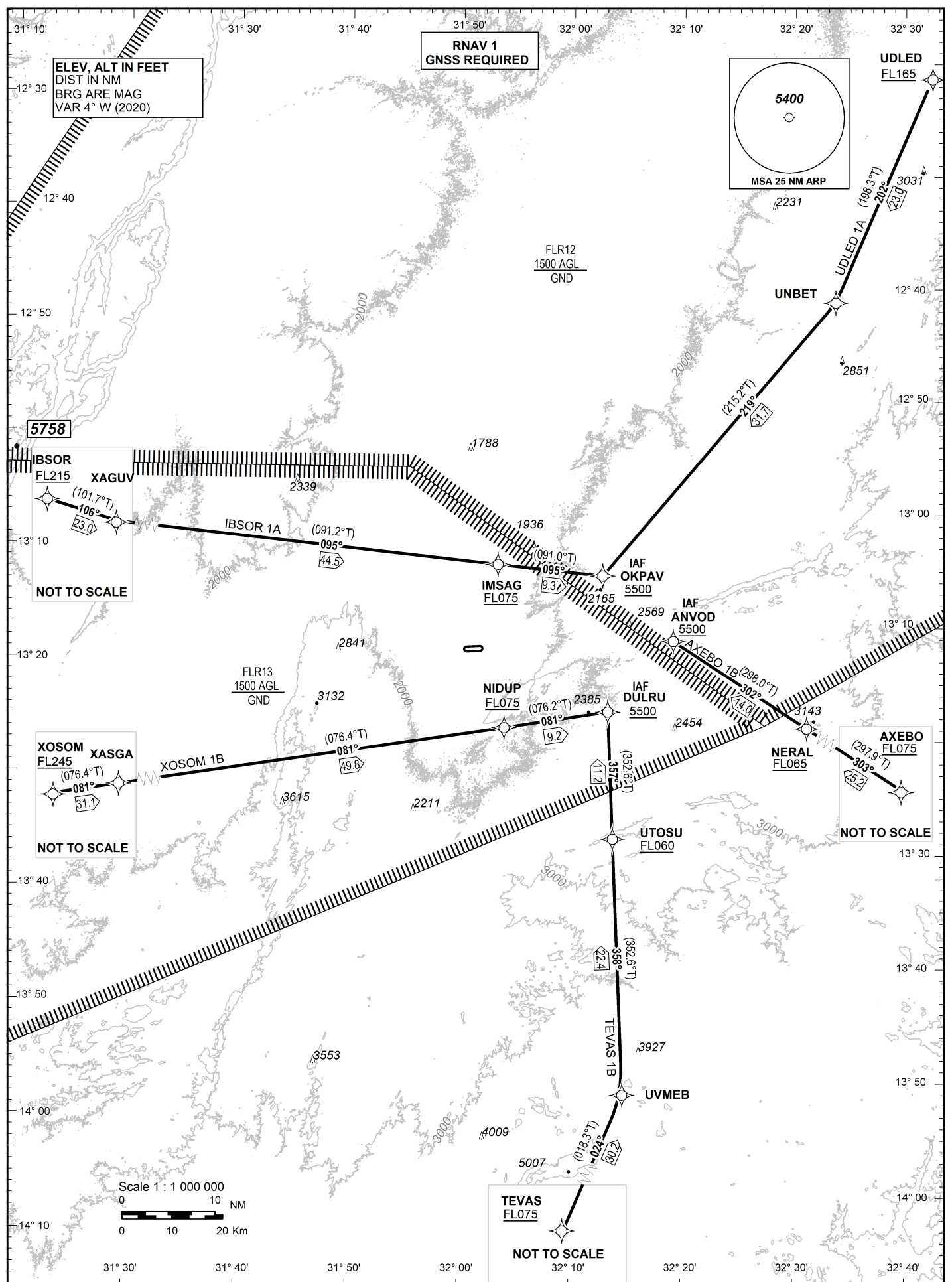
ROUTING

NAME	TEXT
AXEBO 1A	From AXEBO track 291° to ADMIS, track 281° to UVLOT, track 267° to OKLUT, track 267° to XAKDA. MEA/MEL: AXEBO AT or ABOVE FL090, OKLUT AT or ABOVE FL090, XAKDA AT or ABOVE 5500'.
TEVAS 1A	From TEVAS track 332° to UVEVO, track 358° to XUBIK, track 357° to XAKDA. MEA/MEL: TEVAS AT or ABOVE FL075, XUBIK AT or BELOW FL100, XAKDA AT or ABOVE 5500'.
UTSIG 1A	From UTSIG track 103° to NIGOB, track 103° to UDKUG, track 103° to MF103. MEA/MEL: UTSIG AT or ABOVE FL075, NIGOB AT or ABOVE FL070, MF103 AT or ABOVE 5500'.
UVKEM 1A	From UVKEM track 222° to IMLOD, track 222° to UVMEL. MEA/MEL: UVKEM AT or ABOVE FL185, UVMEL AT or ABOVE 5500'.
XOSOM 1A	From XOSOM track 062° to UVBOL, track 082° to MF103. MEA/MEL: XOSOM AT or ABOVE FL185, UVBOL AT or ABOVE FL065, MF103 AT or ABOVE 5500'.

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**MFUWE/Mfuwe
(FLMF)
RNAV STAR RWY 27**

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



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INSTRUMENT (STAR) - ICAO

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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 Nav aids	Navigation Specification
010	IF	AXEBO	-	-	-	-	-	+FL075	-	-	-	RNAV 1
020	TF	NERAL	-	303 (297.9)	-	25.2	-	+FL065	-	-	-	RNAV 1
030	TF	ANVOD	-	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 Nav aids	Navigation Specification
010	IF	IBSOR	-	-	-	-	-	+FL215	-	-	-	RNAV 1
020	TF	XAGUV	-	106 (101.7)	-	23.0	-	-	-	-	-	RNAV 1
030	TF	IMSAG	-	095 (091.2)	-	44.5	-	+FL075	-	-	-	RNAV 1
040	TF	OKPAV	-	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 Nav aids	Navigation Specification
010	IF	TEVAS	-	-	-	-	-	+FL075	-	-	-	RNAV 1
020	TF	UVMEB	-	024 (018.3)	-	30.2	-	-	-	-	-	RNAV 1
030	TF	UTOSU	-	358 (352.6)	-	22.4	-	+FL060	-	-	-	RNAV 1
040	TF	DULRU	-	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 Nav aids	Navigation Specification
010	IF	UDLED	-	-	-	-	-	+FL165	-	-	-	RNAV 1
020	TF	UNBET	-	202 (198.3)	-	23.0	-	-	-	-	-	RNAV 1
030	TF	OKPAV	-	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 Nav aids	Navigation Specification
010	IF	XOSOM	-	-	-	-	-	+FL245	-	-	-	RNAV 1
020	TF	XASGA	-	081 (076.5)	-	31.1	-	-	-	-	-	RNAV 1
030	TF	NIDUP	-	081 (076.4)	-	49.8	-	+FL075	-	-	-	RNAV 1
040	TF	DULRU	-	081 (076.2)	-	9.2	-	+5500	-	-	-	RNAV 1

WAYPOINT LIST
RNAV STAR RWY 10

WaypointIdentifier	Coordinates		WaypointIdentifier	Coordinates	
ANVOD	S 13 13 16.4	E 032 14 07.7	TEVAS	S 14 22 18.0	E 032 03 30.0
AXEBO	S 13 31 48.0	E 032 49 42.0	XAGUV	S 13 07 04.9	E 031 12 07.6
DULRU	S 13 20 01.4	E 032 08 48.3	XASGA	S 13 34 04.2	E 031 09 57.8
IBSOR	S 13 02 25.2	E 030 49 02.7	XOSOM	S 13 41 22.9	E 030 38 54.0
IMSAG	S 13 07 54.7	E 031 57 42.1			
NERAL	S 13 19 54.2	E 032 26 49.4			
NIDUP	S 13 22 14.1	E 031 59 36.5			
OKPAV	S 13 08 04.1	E 032 07 13.8			
UDLED	S 12 20 06.5	E 032 33 22.3			
UNBET	S 12 42 02.7	E 032 25 59.8			
UTOSU	S 13 31 10.2	E 032 10 16.5			
UVMEB	S 13 53 31.1	E 032 13.9			

ROUTING

NAME	TEXT
AXEBO 1B	From AXEBO track 303° to NERAL, track 302 to ANVOD. MEA/MEL: AXEBO AT or ABOVE FL075, NERAL AT or ABOVE FL065, ANVOD AT or ABOVE 5500'.
IBSOR 1A	From IBSOR track 106° to XAGUV, track 095° to IMSAG, track 095° to OKPAV. MEA/MEL: IBSOR AT or ABOVE FL215, IMSAG AT or ABOVE FL075, OKPAV AT or ABOVE 5500'.
TEVAS 1B	From TEVAS track 024° to UVMEB, track 358° to UTOSU, track 357° to DULRU. MEA/MEL: TEVAS AT or ABOVE FL075, UTOSU AT or ABOVE FL060, DULRU AT or ABOVE 5500'.
UDLED 1A	From UDLED track 202° to UNBET, track 219° to OKPAV. MEA/MEL: UDLED AT or ABOVE FL165, OKPAV AT or ABOVE 5500'.
XOSOM 1B	From XOSOM track 081° to XASGA, track 081° to NIDUP, track 081° to DULRU. MEA/MEL: XOSOM AT or ABOVE FL245, NIDUP AT or ABOVE FL075, DULRU AT or ABOVE 5500'.

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