



GS	kt	80	100	120	140	160	180
FAF-THR: 4.8 NM	mins	3:34	2:52	2:23	2:03	1:47	1:35
FAF-MAPT: 3.8 NM	mins	2:49	2:16	1:53	1:37	1:25	1:15
ROD: 5.4 %	ft/min	434	542	650	759	867	976

Diagram showing a circle with a radius of 25 NM. The center is marked with a crosshair and labeled "ARP". The elevation at the center is 5500. The text "MSA" is visible in the top right corner.

AERONAUTICAL DATABASE REQUIREMENTS

INSTRUMENT APPROACH PROCEDURES

LOC Z RWY 35

WAYPOINTS COORDINATES

WAYPOINT	COORD
NOLMU (IAF)	423803.4N 0082002.1W
ROLFI (IAF)	424230.6N 0082932.3W
ST09S (IF)	424356.4N 0082137.4W
ST610	430224.0N 0082748.4W
ST611	430057.6N 0083544.9W
YELTA (IAF)	424428.1N 0081151.3W

POINT	LAT	LONG	TRUE BEARING	DISTANCE DME (NM)
ST09S (IF)	424356.4N	0082137.1W	166.16° (LOC ISO)	9.44 DME ILS
FAF	424828.8N	0082308.0W	166.16° (LOC ISO)	4.77 DME ILS
MAPT	425208.2N	0082421.5W	166.16° (LOC ISO)	1.00 DME ILS
Non-precision final approach - Slope (Descent angle)				5.35% (3.06°)

PROCEDURE TABULAR DESCRIPTION

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
NOLMU (IAF)											
001	IF	NOLMU	-	-	+1.0	-	-	+5500	-220	-	RNAV1
002	TF	ST09S	-	350 (348.8)	+1.0	6.0	-	+3700	-	-	RNAV1
MISSED APCH											
001	CF	ST610	-	347 (346.2)	+1.0	-	-	-	-	-	RNAV1
002	TF	ST611	-	257 (256.2)	+1.0	6.0	-	-	-200	-	RNAV1
003	TF	ROLFI	-	167 (166.1)	+1.0	19.0	-	+5000	-220	-	RNAV1

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
ROLFI (IAF)											
001	IF	ROLFI	-	-	+1.0	-	-	+5000	-220	-	RNAV1
002	TF	ST09S	-	077 (076.2)	+1.0	6.0	-	+3700	-	-	RNAV1
MISSED APCH											
001	CF	ST610	-	347 (346.2)	+1.0	-	-	-	-	-	RNAV1
002	TF	ST611	-	257 (256.2)	+1.0	6.0	-	-	-200	-	RNAV1
003	TF	ROLFI	-	167 (166.1)	+1.0	19.0	-	+5000	-220	-	RNAV1

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
YELTA (IAF)											
001	IF	YELTA	-	-	+1.0	-	-	+5000	-220	-	RNAV1
002	TF	ST09S	-	267 (265.9)	+1.0	7.2	-	+3700	-	-	RNAV1
MISSED APCH											
001	CF	ST610	-	347 (346.2)	+1.0	-	-	-	-	-	RNAV1
002	TF	ST611	-	257 (256.2)	+1.0	6.0	-	-	-200	-	RNAV1
003	TF	ROLFI	-	167 (166.1)	+1.0	19.0	-	+5000	-220	-	RNAV1

HOLDING PATTERN

Path terminator	Waypoint identifier	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	MNM altitude (ft)	MAX altitude (ft)	Speed (kt)	Navigation specification
HM	NOLMU (1)	350 (348.8)	+1.0	4.3	R	5500	-	-230	RNAV1
HM	ROLFI (2)	077 (076.2)	+1.0	4.2	R	5000	-	-230	RNAV1
HM	YELTA (3)	267 (265.9)	+1.0	4.2	R	5000	-	-230	,RNAV1

(1) GNSS or (DME/DME/IRU) required;

- DME VGO must be operational for (DME/DME/IRU).

(2) - GNSS required.

(3) GNSS or (DME/DME/IRU) required;

- DME LRA, STG must be operational for (DME/DME/IRU).