

## BARI/Palese STAR RNAV1 or RNP1 RWY 25

### BANAV 1H

Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Navigation Specification
IF	BANAV	-	-	-	-	-	-	-	RNAV1/RNP1 (1)
TF	PERAV	-	192 (196.0)	-	12.5	-	+4500	-	RNAV1/RNP1 (1)
TF	BD749	-	154 (157.5)	-	5.8	-	+4000	-230	RNAV1/RNP1 (1)
TF	ARZUV	-	156 (159.6)	-	7.0	-	-5000 +4000 (5)	-220	RNAV1/RNP1 (1)
TF	BD537	-	066 (069.7)	-	5.0	L	+4000	-220	RNAV1/RNP1 (1)
TF	BD532	-	066 (069.7)	-	5.0	-	+4000	-220	RNAV1/RNP1 (1)
TF	BD425	-	156 (159.8)	-	7.0	R	+4000	-210	RNAV1/RNP1 (1)
TF	SEXVO	-	246 (249.9)	-	5.0	R	+4000	-210	RNAV1/RNP1 (1)
TF	OSMAL	-	246 (249.8)	-	6.0	-	+4000	-210	RNAV1/RNP1 (1)

### BUMOK 1H

Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Navigation Specification
IF	BUMOK	-	-	-	-	-	-	-	RNAV1/RNP1 (1)
TF	TOPNO	-	050 (054.3)	-	24.5	-	+FL110	-	RNAV1/RNP1 (1)
TF	BD472	-	089 (092.5)	-	19.2	-	+FL90 (2)	-	RNAV1/RNP1 (1)
TF	BD452	-	065 (069.3)	-	20.0	-	+FL90 (2)	-	RNAV1/RNP1 (1)
TF	BD447	-	066 (069.6)	-	5.0	-	+FL90 (2)	-220	RNAV1/RNP1 (1)
TF	GARFE	-	066 (069.7)	-	4.9	-	+FL90 (2)	-220	RNAV1/RNP1 (1)
TF	BD437	-	066 (069.7)	-	5.0	-	+4500	-220	RNAV1/RNP1 (1)
TF	BD432	-	066 (069.8)	-	5.0	-	+4500	-220	RNAV1/RNP1 (1)
TF	BD425	-	336 (339.9)	-	7.0	L	+4500	-210	RNAV1/RNP1 (1)
TF	SEXVO	-	246 (249.9)	-	5.0	L	+4000	-210	RNAV1/RNP1 (1)
TF	OSMAL	-	246 (249.8)	-	6.0	-	+4000	-210	RNAV1/RNP1 (1)

**BUMOK 1T (ATC Discretion)**

Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Navigation Specification
IF	BUMOK	-	-	-	-	-	-	-	RNAV1/RNP1 (1)
TF	TOPNO	-	050 (54.3)	-	24.5	-	+FL110	-	RNAV1/RNP1 (1)
TF	BD672	-	045 (049.1)	-	18.7	-	+4000	-	RNAV1/RNP1 (1)
TF	URCIM	-	065 (069.3)	-	20.0	-	+4000	-	RNAV1/RNP1 (1)
TF	BD547	-	066 (069.5)	-	5.0	-	-5000 +4000 (4)	-220	RNAV1/RNP1 (1)
TF	ARZUV	-	066 (069.6)	-	4.9	-	+4000	-220	RNAV1/RNP1 (1)
TF	BD537	-	066 (069.7)	-	5.0	-	+4000	-220	RNAV1/RNP1 (1)
TF	BD532	-	066 (069.7)	-	5.0	-	+4000	-220	RNAV1/RNP1 (1)
TF	BD425	-	156 (159.8)	-	7.0	R	+4000	-210	RNAV1/RNP1 (1)
TF	SEXVO	-	246 (249.9)	-	5.0	R	+4000	-210	RNAV1/RNP1 (1)
TF	OSMAL	-	246 (249.8)	-	6.0	-	+4000	-210	RNAV1/RNP1 (1)

**DOGUS 1H**

Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Navigation Specification
IF	DOGUS	-	-	-	-	-	-	-	RNAV1/RNP1 (1)
TF	TOPNO	-	099 (102.4)	-	18.8	-	+FL110	-	RNAV1/RNP1 (1)
TF	BD472	-	089 (092.5)	-	19.2	-	+FL90 (2)	-	RNAV1/RNP1 (1)
TF	BD452	-	065 (069.3)	-	20.0	-	+FL90 (2)	-	RNAV1/RNP1 (1)
TF	BD447	-	066 (069.6)	-	5.0	-	+FL90 (2)	-220	RNAV1/RNP1 (1)
TF	GARFE	-	066 (069.7)	-	4.9	-	+FL90 (2)	-220	RNAV1/RNP1 (1)
TF	BD437	-	066 (069.7)	-	5.0	-	+4500	-220	RNAV1/RNP1 (1)
TF	BD432	-	066 (069.8)	-	5.0	-	+4500	-220	RNAV1/RNP1 (1)
TF	BD425	-	336 (339.9)	-	7.0	L	+4500	-210	RNAV1/RNP1 (1)
TF	SEXVO	-	246 (249.9)	-	5.0	L	+4000	-210	RNAV1/RNP1 (1)
TF	OSMAL	-	246 (249.8)	-	6.0	-	+4000	-210	RNAV1/RNP1 (1)

**DOGUS 1T (ATC Discretion)**

Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Navigation Specification
IF	DOGUS	-	-	-	-	-	-	-	RNAV1/RNP1 (1)
TF	TOPNO	-	099 (102.4)	-	18.8	-	+FL110	-	RNAV1/RNP1 (1)
TF	BD672	-	045 (049.1)	-	18.7	-	+4000	-	RNAV1/RNP1 (1)
TF	URCIM	-	065 (069.3)	-	20.0	-	+4000	-	RNAV1/RNP1 (1)
TF	BD547	-	066 (069.5)	-	5.0	-	-5000 +4000 (4)	-220	RNAV1/RNP1 (1)
TF	ARZUV	-	066 (069.6)	-	4.9	-	+4000	-220	RNAV1/RNP1 (1)
TF	BD537	-	066 (069.7)	-	5.0	-	+4000	-220	RNAV1/RNP1 (1)
TF	BD532	-	066 (069.7)	-	5.0	-	+4000	-220	RNAV1/RNP1 (1)
TF	BD425	-	156 (159.8)	-	7.0	R	+4000	-210	RNAV1/RNP1 (1)
TF	SEXVO	-	246 (249.9)	-	5.0	R	+4000	-210	RNAV1/RNP1 (1)
TF	OSMAL	-	246 (249.8)	-	6.0	-	+4000	-210	RNAV1/RNP1 (1)

**DOLON 1H**

Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Navigation Specification
IF	DOLON	-	-	-	-	-	-	-	RNAV1/RNP1 (1)
TF	BD649	-	287 (290.7)	-	19.2	-	+4500	-230	RNAV1/RNP1 (1)
TF	GARFE	-	336 (339.8)	-	7.0	-	+4500	-220	RNAV1/RNP1 (1)
TF	BD437	-	066 (069.7)	-	5.0	R	+4500	-220	RNAV1/RNP1 (1)
TF	BD432	-	066 (069.8)	-	5.0	-	+4500	-220	RNAV1/RNP1 (1)
TF	BD425	-	336 (339.9)	-	7.0	L	+4500	-210	RNAV1/RNP1 (1)
TF	SEXVO	-	246 (249.9)	-	5.0	L	+4000	-210	RNAV1/RNP1 (1)
TF	OSMAL	-	246 (249.8)	-	6.0	-	+4000	-210	RNAV1/RNP1 (1)

**EKMUR 1H (3)**

Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Navigation Specification
IF	EKMUR	-	-	-	-	-	-	-	RNAV1/RNP1 (1)
TF	URCIM	-	117 (121.1)	-	16.4	-	+4000	-	RNAV1/RNP1 (1)
TF	BD547	-	066 (069.5)	-	5.0	-	-5000 +4000 (4)	-220	RNAV1/RNP1 (1)
TF	ARZUV	-	066 (069.6)	-	4.9	-	+4000	-220	RNAV1/RNP1 (1)
TF	BD537	-	066 (069.7)	-	5.0	-	+4000	-220	RNAV1/RNP1 (1)
TF	BD532	-	066 (069.7)	-	5.0	-	+4000	-220	RNAV1/RNP1 (1)
TF	BD425	-	156 (159.8)	-	7.0	R	+4000	-210	RNAV1/RNP1 (1)
TF	SEXVO	-	246 (249.9)	-	5.0	R	+4000	-210	RNAV1/RNP1 (1)
TF	OSMAL	-	246 (249.8)	-	6.0	-	+4000	-210	RNAV1/RNP1 (1)

**ENOXA 1H**

Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Navigation Specification
IF	ENOXA	-	-	-	-	-	-	-	RNAV1/RNP1 (1)
TF	BD759	-	231 (234.6)	-	14.7	-	+4500	-	RNAV1/RNP1 (1)
TF	BD654	-	246 (249.9)	-	5.0	-	+4500	-	RNAV1/RNP1 (1)
TF	BD649	-	246 (249.8)	-	5.0	-	+4500	-230	RNAV1/RNP1 (1)
TF	GARFE	-	336 (339.8)	-	7.0	R	+4500	-220	RNAV1/RNP1 (1)
TF	BD437	-	066 (069.7)	-	5.0	R	+4500	-220	RNAV1/RNP1 (1)
TF	BD432	-	066 (069.8)	-	5.0	-	+4500	-220	RNAV1/RNP1 (1)
TF	BD425	-	336 (339.9)	-	7.0	L	+4500	-210	RNAV1/RNP1 (1)
TF	SEXVO	-	246 (249.9)	-	5.0	L	+4000	-210	RNAV1/RNP1 (1)
TF	OSMAL	-	246 (249.8)	-	6.0	-	+4000	-210	RNAV1/RNP1 (1)

**LUMAR 1H**

Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Navigation Specification
IF	LUMAR	-	-	-	-	-	-	-	RNAV1/RNP1 (1)
TF	BD568	-	243 (246.7)	-	9.3	-	+FL100	-	RNAV1/RNP1 (1)
TF	BD659	-	243 (246.6)	-	9.0	-	+4500	-	RNAV1/RNP1 (1)
TF	BD749	-	246 (249.8)	-	10.0	-	+4000	-230	RNAV1/RNP1 (1)
TF	ARZUV	-	156 (159.6)	-	7.0	L	-5000 +4000 (5)	-220	RNAV1/RNP1 (1)
TF	BD537	-	066 (069.7)	-	5.0	L	+4000	-220	RNAV1/RNP1 (1)
TF	BD532	-	066 (069.7)	-	5.0	-	+4000	-220	RNAV1/RNP1 (1)
TF	BD425	-	156 (159.8)	-	7.0	R	+4000	-210	RNAV1/RNP1 (1)
TF	SEXVO	-	246 (249.9)	-	5.0	R	+4000	-210	RNAV1/RNP1 (1)
TF	OSMAL	-	246 (249.8)	-	6.0	-	+4000	-210	RNAV1/RNP1 (1)

**PERAV 1H**

Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Navigation Specification
IF	PERAV	-	-	-	-	-	-	-	RNAV1/RNP1 (1)
TF	BD749	-	154 (157.5)	-	5.8	-	+4000	-230	RNAV1/RNP1 (1)
TF	ARZUV	-	156 (159.6)	-	7.0	-	-5000 +4000 (5)	-220	RNAV1/RNP1 (1)
TF	BD537	-	066 (069.7)	-	5.0	L	+4000	-220	RNAV1/RNP1 (1)
TF	BD532	-	066 (069.7)	-	5.0	-	+4000	-220	RNAV1/RNP1 (1)
TF	BD425	-	156 (159.8)	-	7.0	R	+4000	-210	RNAV1/RNP1 (1)
TF	SEXVO	-	246 (249.9)	-	5.0	R	+4000	-210	RNAV1/RNP1 (1)
TF	OSMAL	-	246 (249.8)	-	6.0	-	+4000	-210	RNAV1/RNP1 (1)

**PISIP 1H (ATC Discretion)**

Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Navigation Specification
IF	PISIP	-	-	-	-	-	-	-	RNAV1/RNP1 (1)
TF	BD547	-	131 (135.2)	-	19.3	-	-5000 +4000 (4)	-220	RNAV1/RNP1 (1)
TF	ARZUV	-	066 (069.6)	-	4.9	-	+4000	-220	RNAV1/RNP1 (1)
TF	BD537	-	066 (069.7)	-	5.0	-	+4000	-220	RNAV1/RNP1 (1)
TF	BD532	-	066 (069.7)	-	5.0	-	+4000	-220	RNAV1/RNP1 (1)
TF	BD425	-	156 (159.8)	-	7.0	R	+4000	-210	RNAV1/RNP1 (1)
TF	SEXVO	-	246 (249.9)	-	5.0	R	+4000	-210	RNAV1/RNP1 (1)
TF	OSMAL	-	246 (249.8)	-	6.0	-	+4000	-210	RNAV1/RNP1 (1)

**REMARKS**

(1) For “monitoring and alerting” reasons, RNP1 specification is required in case of radar service unavailability or degradation

(2) MEA 4500FT ATC Discretion

(3) Not available during activation periods of zone LI R310

(4) BD547 between +4000FT and -5000FT only for direct routing to IF BD572 of RNP approach RWY 25

(5) ARZUV between +4000FT and -5000FT only for direct routing to IF BD572 of RNP approach RWY 25

**Holding RNAV**

Path Terminator	Waypoint Identifier	Inbound Course °M (°T)	Leg Distance (NM) (1)	Timing(min.)/Waypoint Distance (NM) (2)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FL)	Speed Limit (kt)	Magnetic Variation (°)	Navigation Specification
HM	OSMAL	255 (258.6)	3.8	1/-	R	+4000	-	-210	4 E	RNAV1

(1) RNAV system with holding functionality

(2) RNAV system without holding functionality

**WAYPOINT LIST**

<b>Waypoint Identifier</b>	<b>Coordinates</b>
BD425	41° 16' 42.46" N 017° 17' 55.91" E
BD432	41° 10' 07.97" N 017° 21' 07.62" E
BD437	41° 08' 24.49" N 017° 14' 54.84" E
BD447	41° 04' 59.22" N 017° 02' 39.94" E
BD452	41° 03' 14.72" N 016° 56' 28.10" E
BD472	40° 56' 13.31" N 016° 31' 43.90" E
BD532	41° 23' 16.87" N 017° 14' 43.59" E
BD537	41° 21' 33.07" N 017° 08' 29.70" E
BD547	41° 18' 07.17" N 016° 56' 12.62" E
BD568	41° 33' 26.36" N 017° 22' 30.09" E
BD649	41° 00' 06.41" N 017° 11' 54.58" E
BD654	41° 01' 50.08" N 017° 18' 06.49" E
BD659	41° 29' 51.20" N 017° 11' 30.64" E
BD672	41° 09' 19.65" N 016° 25' 11.15" E
BD749	41° 26' 22.94" N 016° 59' 02.07" E
BD759	41° 03' 33.40" N 017° 24' 18.72" E