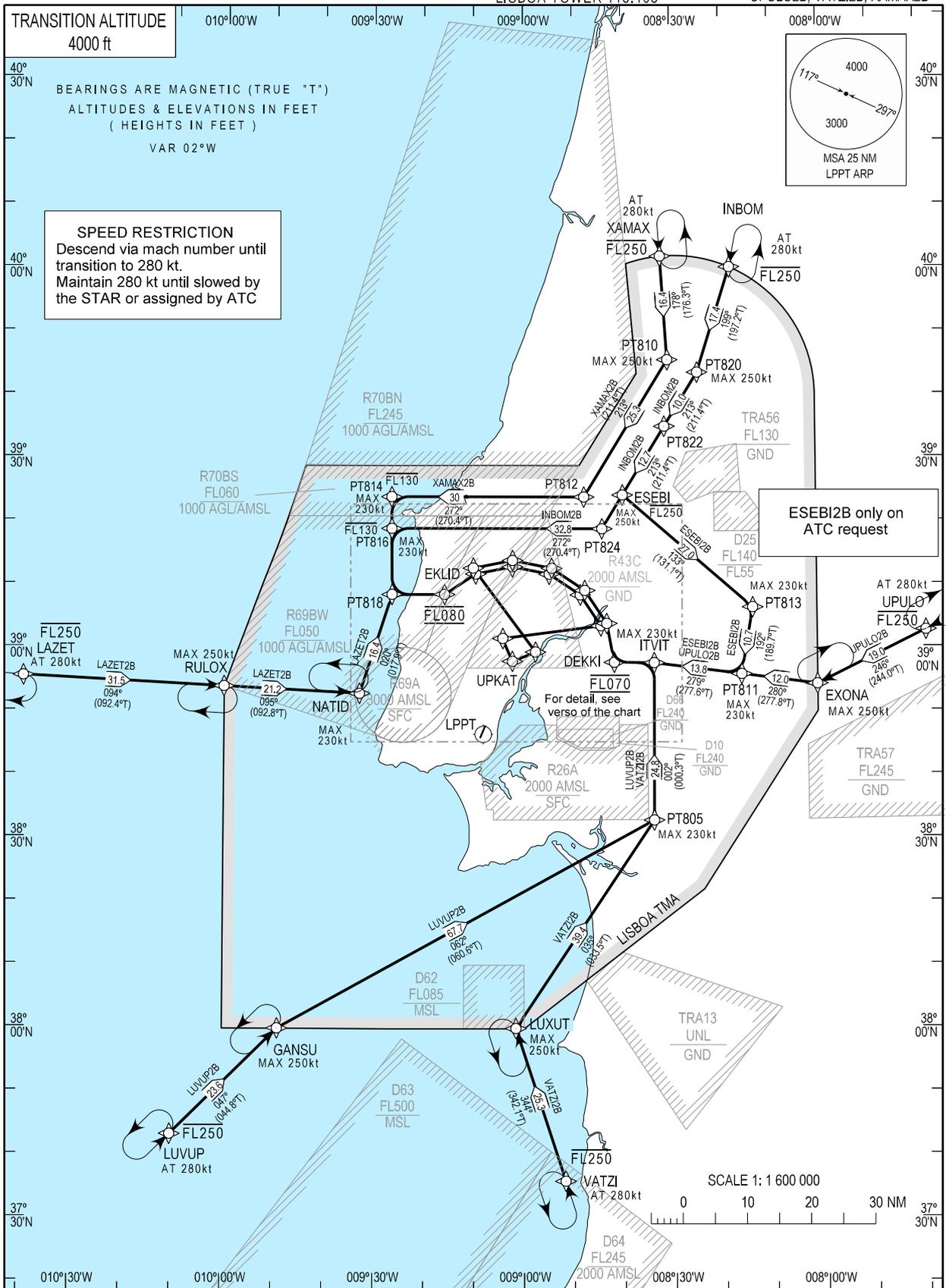


STANDARD ARRIVAL CHART -
INSTRUMENT (STAR) - ICAO

LISBOA ARR INFORMATION 124.155 LISBOA, Humberto Delgado (LPPT)
LISBOA CONTROL 123.980
LISBOA APPROACH 119.105
LISBOA ARRIVAL 125.130
LISBOA TOWER 118.105
RNAV RWY 20
ESEBI2B, INBOM2B, LAZET2B, LUVUP2B
UPULO2B, VATZ12B, XAMAX2B



New procedures.

LISBOA STAR RNAV1 ESEBI2B (RWY 20) ONLY ON ATC REQUEST										
Path Terminator	Waypoint			Course/Track MAG (True)	Dist NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
TF	ESEBI	N	392411.48N 0083959.28W	-	-	-	- FL250	250 kt	RNAV 1	To be used only on ATC request. Clearance Limit: UPKAT
TF	PT813	N	390623.99N 0081353.30W	133 (131.1)	26.9625	-	-	230 kt	RNAV 1	
TF	PT811	N	385552.44N 0081611.08W	192 (189.7)	10.6673	-	- FL230	230 kt	RNAV 1	
TF	ITVIT	N	385741.47N 0083343.99W	279 (277.6)	13.8105	-	-	230 kt	RNAV 1	
TF	DEKKI	N	385747.01N 0084144.40W	273 (270.9)	6.2459	-	@FL070	@210 kt	RNAV 1	
TF	ROMEPE	N	390355.31N 0084314.21W	351 (349.2)	6.2426	-	@FL070	@210 kt	RNAV 1	
TF	ERMIG	N	390908.65N 0084738.42W	329 (326.7)	6.2426	-	@FL070	@210 kt	RNAV 1	
TF	PT855	N	391239.03N 0085417.10W	306 (304.2)	6.2425	-	@FL070	@210 kt	RNAV 1	
TF	PT853	N	391354.17N 0090209.28W	283 (281.6)	6.2424	-	@FL070	@210 kt	RNAV 1	
TF	PT851	N	391242.50N 0091002.33W	261 (259.0)	6.2423	-	@FL070	@210 kt	RNAV 1	
TF	ARNIT	N	385926.60N 0085733.61W	146 (143.7)	16.4317	-	@4000 ft	@180 kt	RNAV 1	
TF	UPKAT	N	385759.04N 0090212.05W	250 (248.1)	3.9016	-	@4000 ft	@180 kt	RNAV 1	

LISBOA STAR RNAV1 INBOM2B (RWY 20)										
Path Terminator	Waypoint			Course/Track MAG (True)	Dist NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
IF	INBOM	N	400006.91N 0081807.21W	-	-	-	- FL250	@280 kt	RNAV 1	Clearance Limit: UPKAT
TF	PT820	N	394330.74N 0082447.11W	199 (197.2)	17.3654	-	-	250 kt	RNAV 1	
TF	PT822	N	393500.57N 0083129.79W	213 (211.4)	9.9522	-	-	250 kt	RNAV 1	
TF	ESEBI	N	392411.48N 0083959.28W	213 (211.4)	12.6508	-	-	250 kt	RNAV 1	
TF	PT824	N	391851.89N 0084408.99W	213 (211.3)	6.2243	-	-	250 kt	RNAV 1	
TF	PT816	N	391857.63N 0092627.23W	272 (270.4)	32.8324	-	-FL130	230 kt	RNAV 1	
TF	PT818	N	390832.66N 0092623.32W	182 (179.7)	10.4069	-	-	230 kt	RNAV 1	
TF	EKLID	N	390832.54N 0091549.09W	092 (090.0)	8.2240	-	@FL080	@210 kt	RNAV 1	
TF	ROTBU	N	391146.95N 0090933.03W	058 (056.4)	5.8515	-	@FL080	@210 kt	RNAV 1	
TF	LERLI	N	391254.12N 0090209.64W	081 (078.9)	5.8521	-	@FL080	@210 kt	RNAV 1	
TF	PT854	N	391143.70N 0085447.07W	103 (101.5)	5.8523	-	@FL080	@210 kt	RNAV 1	
TF	PT852	N	390826.49N 0084833.35W	126 (124.1)	5.8523	-	@FL080	@210 kt	RNAV 1	
TF	PT850	N	390332.78N 0084425.61W	149 (146.7)	5.8524	-	@FL080	@210 kt	RNAV 1	
TF	COCUN	N	390135.52N 0090406.96W	265 (262.9)	15.4637	-	@4000 ft	@180 kt	RNAV 1	
TF	UPKAT	N	385759.04N 0090212.05W	159 (157.5)	3.9016	-	@4000 ft	@180 kt	RNAV 1	

LISBOA STAR RNAV1 LAZET2B (RWY 20)										
Path Terminator	Waypoint			Course/Track MAG (True)	Dist NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
IF	LAZET	N	385526.20N 0104015.64W	-	-	-	- FL250	@280 kt	RNAV 1	Clearance Limit: UPKAT
TF	RULOX	N	385400.00N 0100000.00W	094 (092.4)	31.4577	-	-	250 kt	RNAV 1	
TF	NATID	N	385254.02N 0093251.90W	095 (092.8)	21.2146	-	-	230 kt	RNAV 1	
TF	PT818	N	390832.66N 0092623.32W	020 (017.9)	16.4242	-	-	230 kt	RNAV 1	
TF	EKLID	N	390832.54N 0091549.09W	092 (090.0)	8.2240	-	@FL080	@210 kt	RNAV 1	
TF	ROTBU	N	391146.95N 0090933.03W	058 (056.4)	5.8515	-	@FL080	@210 kt	RNAV 1	
TF	LERLI	N	391254.12N 0090209.64W	081 (078.9)	5.8521	-	@FL080	@210 kt	RNAV 1	
TF	PT854	N	391143.70N 0085447.07W	103 (101.5)	5.8523	-	@FL080	@210 kt	RNAV 1	
TF	PT852	N	390826.49N 0084833.35W	126 (124.1)	5.8523	-	@FL080	@210 kt	RNAV 1	
TF	PT850	N	390332.78N 0084425.61W	149 (146.7)	5.8524	-	@FL080	@210 kt	RNAV 1	
TF	COCUN	N	390135.52N 0090406.96W	265 (262.8)	15.4637	-	@4000 ft	@180 kt	RNAV 1	
TF	UPKAT	N	385759.04N 0090212.05W	159 (157.5)	3.9016	-	@4000 ft	@180 kt	RNAV 1	

LISBOA STAR RNAV1 LUVUP2B (RWY 20)										
Path Terminator	Waypoint			Course/Track MAG (True)	Dist NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
IF	LUVUP	N	374313.23N 0101006.92W	-	-	-	- FL250	@280 kt	RNAV 1	Clearance Limit: UPKAT
TF	GANSU	N	380000.00N 0094903.18W	047 (044.8)	23.6460	-	-	250 kt	RNAV 1	
TF	PT805	N	383250.37N 0083353.07W	062 (060.6)	67.6750	-	-	230 kt	RNAV 1	
TF	ITVIT	N	385741.47N 0083343.99W	002 (000.3)	24.8276	-	-	230 kt	RNAV 1	
TF	DEKKI	N	385747.01N 0084144.40W	273 (270.9)	6.2459	-	@FL070	@210 kt	RNAV 1	
TF	ROMEP	N	390355.31N 0084314.21W	351 (349.2)	6.2426	-	@FL070	@210 kt	RNAV 1	
TF	ERMIG	N	390908.65N 0084738.42W	329 (326.7)	6.2426	-	@FL070	@210 kt	RNAV 1	
TF	PT855	N	391239.03N 0085417.10W	306 (304.2)	6.2425	-	@FL070	@210 kt	RNAV 1	
TF	PT853	N	391354.17N 0090209.28W	283 (281.6)	6.2424	-	@FL070	@210 kt	RNAV 1	
TF	PT851	N	391242.50N 0091002.33W	261 (259.0)	6.2423	-	@FL070	@210 kt	RNAV 1	
TF	ARNIT	N	385926.60N 0085733.61W	146 (143.7)	16.4317	-	@4000 ft	@180 kt	RNAV 1	
TF	UPKAT	N	385759.04N 0090212.05W	250 (248.1)	3.9016	-	@4000 ft	@180 kt	RNAV 1	

LISBOA STAR RNAV1 UPULO2B (RWY 20)										
Path Terminator	Waypoint			Course/Track MAG (True)	Dist NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
IF	UPULO	N	390237.57N 0073907.04W	-	-	-	- FL250	@280 kt	RNAV 1	Clearance Limit: UPKAT
TF	EXONA	N	385415.89N 0080100.00W	246 (244.0)	19.0002	-	-	250 kt	RNAV 1	
TF	PT811	N	385552.44N 0081611.08W	280 (277.8)	11.9598	-	-	230 kt	RNAV 1	
TF	ITVIT	N	385741.47N 0083343.99W	279 (277.6)	13.8105	-	-	230 kt	RNAV 1	
TF	DEKKI	N	385747.01N 0084144.40W	273 (270.9)	6.2459	-	@FL070	@210 kt	RNAV 1	
TF	ROMEP	N	390355.31N 0084314.21W	351 (349.2)	6.2426	-	@FL070	@210 kt	RNAV 1	
TF	ERMIG	N	390908.65N 0084738.42W	329 (326.7)	6.2426	-	@FL070	@210 kt	RNAV 1	
TF	PT855	N	391239.03N 0085417.10W	306 (304.2)	6.2425	-	@FL070	@210 kt	RNAV 1	
TF	PT853	N	391354.17N 0090209.28W	283 (281.6)	6.2424	-	@FL070	@210 kt	RNAV 1	
TF	PT851	N	391242.50N 0091002.33W	261 (259.0)	6.2423	-	@FL070	@210 kt	RNAV 1	
TF	ARNIT	N	385926.60N 0085733.61W	146 (143.7)	16.4317	-	@4000 ft	@180 kt	RNAV 1	
TF	UPKAT	N	385759.04N 0090212.05W	250 (248.1)	3.9016	-	@4000 ft	@180 kt	RNAV 1	

LISBOA STAR RNAV1 VATZI2B (RWY 20)										
Path Terminator	Waypoint			Course/Track MAG (True)	Dist NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
IF	VATZI	N	373552.11N 0085147.09W	-	-	-	- FL250	@280 kt	RNAV 1	Clearance Limit: UPKAT. Pending on military activity.
TF	LUXUT	N	375959.27N 0090136.98W	344 (342.1)	25.3206	-	-	250 kt	RNAV 1	
TF	PT805	N	383250.37N 0083353.07W	035 (033.5)	39.4186	-	-	230 kt	RNAV 1	
TF	ITVIT	N	385741.47N 0083343.99W	002 (000.3)	24.8276	-	-	230 kt	RNAV 1	
TF	DEKKI	N	385747.01N 0084144.40W	273 (270.9)	6.2459	-	@FL070	@210 kt	RNAV 1	
TF	ROMEP	N	390355.31N 0084314.21W	351 (349.2)	6.2426	-	@FL070	@210 kt	RNAV 1	
TF	ERMIG	N	390908.65N 0084738.42W	329 (326.7)	6.2426	-	@FL070	@210 kt	RNAV 1	
TF	PT855	N	391239.03N 0085417.10W	306 (304.2)	6.2425	-	@FL070	@210 kt	RNAV 1	
TF	PT853	N	391354.17N 0090209.28W	283 (281.6)	6.2424	-	@FL070	@210 kt	RNAV 1	
TF	PT851	N	391242.50N 0091002.33W	261 (259.0)	6.2423	-	@FL070	@210 kt	RNAV 1	
TF	ARNIT	N	385926.60N 0085733.61W	146 (143.7)	16.4317	-	@4000 ft	@180 kt	RNAV 1	
TF	UPKAT	N	385759.04N 0090212.05W	250 (248.1)	3.9016	-	@4000 ft	@180 kt	RNAV 1	

LISBOA STAR RNAV1 XAMAX2B (RWY 20)										
Path Terminator	Waypoint			Course/Track MAG (True)	Dist NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
IF	XAMAX	N	400151.96N 0083210.34W	-	-	-	- FL250	@280 kt	RNAV 1	Clearance Limit: UPKAT
TF	PT810	N	394530.07N 0083048.57W	178 (176.3)	16.3857	-	-	250 kt	RNAV 1	
TF	PT812	N	392353.37N 0084746.16W	213 (211.4)	25.2632	-	-	250 kt	RNAV 1	
TF	PT814	N	392358.01N 0092629.12W	272 (270.4)	30.0119	-	- FL130	230 kt	RNAV 1	
TF	PT816	N	391857.63N 0092627.23W	182 (179.7)	5.0019	-	-	230 kt	RNAV 1	
TF	PT818	N	390832.66N 0092623.32W	182 (179.7)	10.4069	-	-	230 kt	RNAV 1	
TF	EKLID	N	390832.54N 0091549.09W	092 (090.0)	8.2240	-	@FL080	@210 kt	RNAV 1	
TF	ROTBU	N	391146.95N 0090933.03W	058 (056.4)	5.8515	-	@FL080	@210 kt	RNAV 1	
TF	LERLI	N	391254.12N 0090209.64W	081 (078.9)	5.8521	-	@FL080	@210 kt	RNAV 1	
TF	PT854	N	391143.70N 0085447.07W	103 (101.5)	5.8523	-	@FL080	@210 kt	RNAV 1	
TF	PT852	N	390826.49N 0084833.35W	126 (124.1)	5.8523	-	@FL080	@210 kt	RNAV 1	
TF	PT850	N	390332.78N 0084425.61W	149 (146.7)	5.8524	-	@FL080	@210 kt	RNAV 1	
TF	COCUN	N	390135.52N 0090406.96W	265 (262.8)	15.4637	-	@4000 ft	@180 kt	RNAV 1	
TF	UPKAT	N	385759.04N 0090212.05W	159 (157.5)	3.9016	-	@4000 ft	@180 kt	RNAV 1	