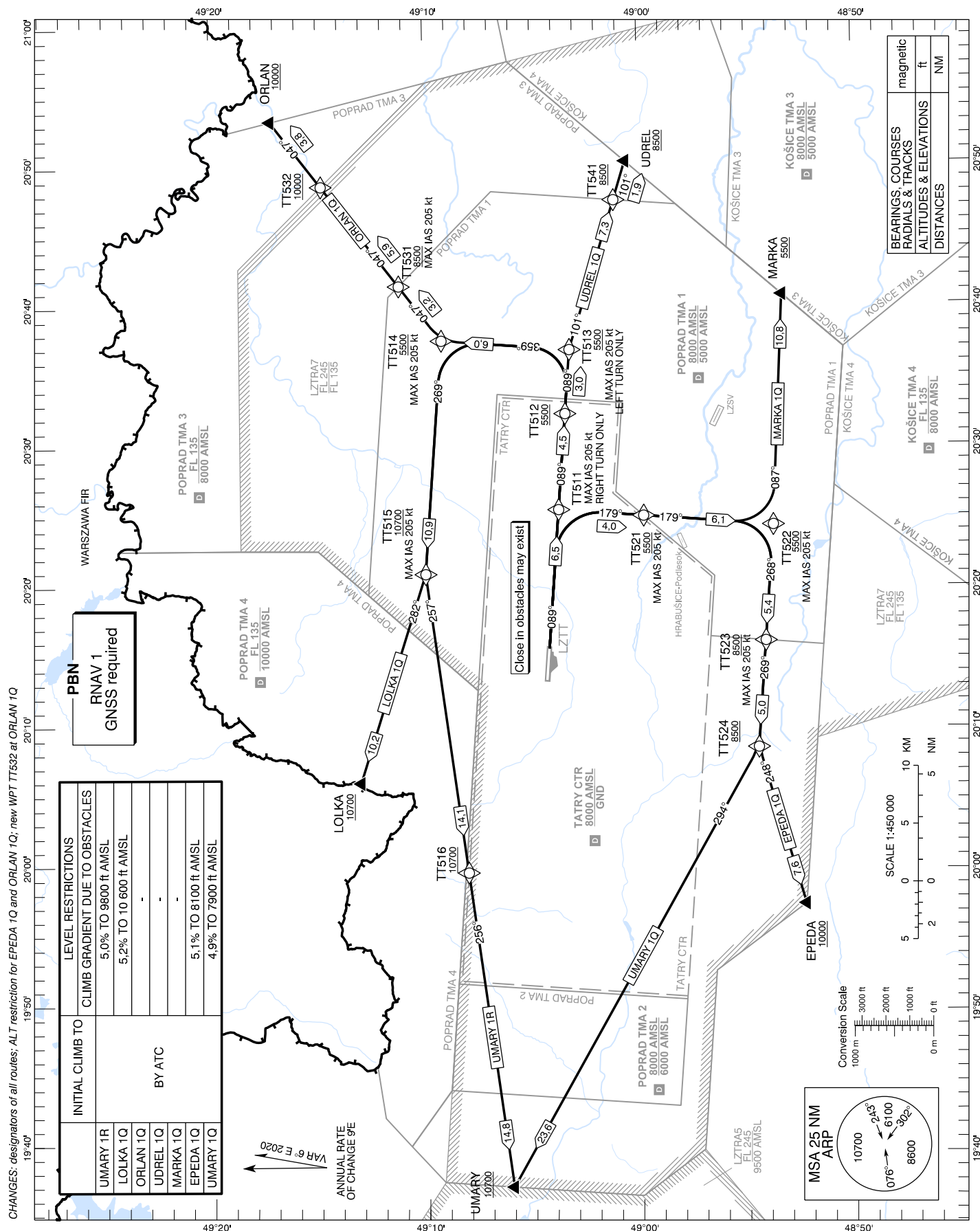


STANDARD DEPARTURE CHART -
INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE 10 000 ft	TATRY TOWER 121,350 (118,950) 118,625
	POPRAD TATRY ATIS 133,130

POPRAD-Tatry (LZTT)
RNAV 1 SID RWY 09
ACFT CAT A/B/C/D



Designator	Route	After Take-Off		Remarks
		INITIAL CLIMB TO	Expect FREQ	
UMARY 1R	Climb on track 089° to TT511 –TT512 TT513 – TT514 – TT515 – TT516 – UMARY	BY ATC	TATRY TOWER 121,350 MHz	Climb gradient at least 5% until passing 9 800 FT AMSL, thereafter 3,3%. Close-in obstacles may exist.

RNAV 1 SID Coding Table: UMARY 1R

Path Terminator	Waypoint			Course / Track MAG (True)	DIST	Turn Direction	Constraints		Navigation Specification
	Identifier	Flyover	Coordinates				Level	Speed	
CF	TT511	NO	49°03'53,30"N 020°25'26,44"E	089° (094,1°)	6,5 NM	-	-	-	RNAV 1
TF	TT512	NO	49°03'33,09"N 020°32'15,83"E	089° (094,3°)	4,5 NM		A5500+	-	RNAV 1
TF	TT513	NO	49°03'19,40"N 020°36'48,70"E	089° (094,3°)	3,0 NM	-	A5500+	K205-	RNAV 1
TF	TT514	NO	49°09'18,04"N 020°37'30,72"E	359° (004,4°)	6,0 NM	LEFT	A5500+	K205-	RNAV 1
TF	TT515	NO	49°10'07,21"N 020°20'53,64"E	269° (274,4°)	10,9 NM	LEFT	A10700+	K205-	RNAV 1
TF	TT516	NO	49°08'11,00"N 019°59'37,18"E	257° (262,2°)	14,1 NM	LEFT	A10700+	-	RNAV 1
TF	UMARY	NO	49°06'04,46"N 019°37'15,26"E	256° (262,0°)	14,8 NM	-	A10700+	-	RNAV 1

Designator	Route	After Take-Off		Remarks
		INITIAL CLIMB TO	Expect FREQ	
UMARY 1Q	Climb on track 089° to TT511 –TT521 TT522 – TT523 - TT524 - UMARY	BY ATC	TATRY TOWER 121,350 MHz	Climb gradient at least 4,9% until passing 7 900 FT AMSL, thereafter 3,3%. Close-in obstacles may exist.

RNAV 1 SID Coding Table: UMARY 1Q

Path Terminator	Waypoint			Course / Track MAG (True)	DIST	Turn Direction	Constraints		Navigation Specification
	Identifier	Flyover	Coordinates				Level	Speed	
CF	TT511	NO	49°03'53,30"N 020°25'26,44"E	089° (094,1°)	6,5 NM	-	-	K205-	RNAV 1
TF	TT521	NO	48°59'55,15"N 020°24'59,53"E	179° (184,3°)	4,0 NM	RIGHT	A5500+	K205-	RNAV 1
TF	TT522	NO	48°53'51,51"N 020°24'18,57"E	179° (184,2°)	6,1 NM	-	A5500+	K205-	RNAV 1
TF	TT523	NO	48°54'14,58"N 020°16'05,65"E	268° (274,1°)	5,4 NM	RIGHT	A8500+	K205-	RNAV 1
TF	TT524	NO	48°54'35,73"N 020°08'32,05"E	269° (274,1°)	5,0 NM	-	A8500+	-	RNAV 1
TF	UMARY	NO	49°06'04,46"N 019°37'15,26"E	294° (299,3°)	23,6 NM	RIGHT	A10700+	-	RNAV 1

Designator	Route	After Take-Off		Remarks					
		INITIAL CLIMB TO	Expect FREQ						
LOLKA 1Q	Climb on track 089° to TT511 – TT512 TT513 – TT514 – TT515 – LOLKA	BY ATC	TATRY TOWER 121,350 MHz	Climb gradient at least 5,2% until passing 10 600 FT AMSL, thereafter 3,3%. Close-in obstacles may exist.					
RNAV 1 SID Coding Table: LOLKA 1Q									
Path Terminator	Waypoint			Course / Track MAG (True)	DIST	Turn Direction	Constraints		Navigation Specification
	Identifier	Flyover	Coordinates				Level	Speed	
CF	TT511	NO	49°03'53,30"N 020°25'26,44"E	089° (094,1°)	6,5 NM	-	-	-	RNAV 1
TF	TT512	NO	49°03'33,09"N 020°32'15,83"E	089° (094,3°)	4,5 NM		A5500+	-	RNAV 1
TF	TT513	NO	49°03'19,40"N 020°36'48,70"E	089° (094,3°)	3,0 NM	-	A5500+	K205-	RNAV 1
TF	TT514	NO	49°09'18,04"N 020°37'30,72"E	359° (004,4°)	6,0 NM	LEFT	A5500+	K205-	RNAV 1
TF	TT515	NO	49°10'07,21"N 020°20'53,64"E	269° (274,4°)	10,9 NM	LEFT	A10700+	K205-	RNAV 1
TF	LOLKA	NO	49°13'12,00"N 020°06'00,00"E	282° (287,6°)	10,2 NM	RIGHT	A10700+	-	RNAV 1

Designator	Route	After Take-Off		Remarks					
		INITIAL CLIMB TO	Expect FREQ						
ORLAN 1Q	Climb on track 089° to TT511 – TT512 – TT513 – TT514 – TT531 – TT532 – ORLAN	BY ATC	TATRY TOWER 121,350 MHz	Climb gradient at least 3,3%. Close-in obstacles may exist.					
RNAV 1 SID Coding Table: ORLAN 1Q									
Path Terminator	Waypoint			Course / Track MAG (True)	DIST	Turn Direction	Constraints		Navigation Specification
	Identifier	Flyover	Coordinates				Level	Speed	
CF	TT511	NO	49°03'53,30"N 020°25'26,44"E	089° (094,1°)	6,5 NM	-	-	-	RNAV 1
TF	TT512	NO	49°03'33,09"N 020°32'15,83"E	089° (094,3°)	4,5 NM		A5500+	-	RNAV 1
TF	TT513	NO	49°03'19,40"N 020°36'48,70"E	089° (094,3°)	3,0 NM	-	A5500+	K205-	RNAV 1
TF	TT514	NO	49°09'18,04"N 020°37'30,72"E	359° (004,4°)	6,0 NM	LEFT	A5500+	K205-	RNAV 1
TF	TT531	NO	49°11'16,02"N 020°41'25,37"E	047° (052,5°)	3,2 NM	RIGHT	A8500+	K205-	RNAV 1
TF	TT532	NO	49°14'50,90"N 020°48'34,24"E	047° (052,5°)	5,9 NM	-	A10000+	-	RNAV 1
TF	ORLAN	NO	49°17'10,69"N 020°53'14,28"E	047° (052,6°)	3,8 NM	-	A10000+	-	RNAV 1

Designator	Route	After Take-Off		Remarks
		INITIAL CLIMB TO	Expect FREQ	
UDREL 1Q	Climb on track 089° to TT511 – TT512 – TT513 – TT541 – UDREL	BY ATC	TATRY TOWER 121,350 MHz	Climb gradient at least 3,3%. Close-in obstacles may exist.

RNAV 1 SID Coding Table: UDREL 1Q									
Path Terminator	Waypoint			Course / Track MAG (True)	DIST	Turn Direction	Constraints		Navigation Specification
	Identifier	Flyover	Coordinates				Level	Speed	
CF	TT511	NO	49°03'53,30"N 020°25'26,44"E	089° (094,1°)	6,5 NM	-	-	-	RNAV 1
TF	TT512	NO	49°03'33,09"N 020°32'15,83"E	089° (094,3°)	4,5 NM	-	A5500+	-	RNAV 1
TF	TT513	NO	49°03'19,40"N 020°36'48,70"E	089° (094,3°)	3,0 NM	-	A5500+	-	RNAV 1
TF	TT541	NO	49°01'10,82"N 020°47'25,26"E	101° (107,0°)	7,3 NM	RIGHT	A8500+	-	RNAV 1
TF	UDREL	NO	49°00'37,31"N 020°50'10,23"E	101° (107,1°)	1,9 NM	-	A8500+	-	RNAV 1

Designator	Route	After Take-Off		Remarks
		INITIAL CLIMB TO	Expect FREQ	
EPEDA 1Q	Climb on track 089° to TT511 – TT521 TT522 – TT523 – TT524 – EPEDA	BY ATC	TATRY TOWER 121,350 MHz	Climb gradient at least 5,1% until passing 8 100 FT AMSL, thereafter 3,3%. Close-in obstacles may exist.

RNAV 1 SID Coding Table: EPEDA 1Q									
Path Terminator	Waypoint			Course / Track MAG (True)	DIST	Turn Direction	Constraints		Navigation Specification
	Identifier	Flyover	Coordinates				Level	Speed	
CF	TT511	NO	49°03'53,30"N 020°25'26,44"E	089° (094,1°)	6,5 NM	-	-	K205-	RNAV 1
TF	TT521	NO	48°59'55,15"N 020°24'59,53"E	179° (184,3°)	4,0 NM	RIGHT	A5500+	K205-	RNAV 1
TF	TT522	NO	48°53'51,51"N 020°24'18,57"E	179° (184,2°)	6,1 NM	-	A5500+	K205-	RNAV 1
TF	TT523	NO	48°54'14,58"N 020°16'05,65"E	268° (274,1°)	5,4 NM	RIGHT	A8500+	K205-	RNAV 1
TF	TT524	NO	48°54'35,73"N 020°08'32,05"E	269° (274,1°)	5,0 NM	-	A8500+	-	RNAV 1
TF	EPEDA	NO	48°52'24,66"N 019°57'26,45"E	248° (253,4°)	7,6 NM	LEFT	A10000+	-	RNAV 1

Designator	Route	After Take-Off		Remarks					
		INITIAL CLIMB TO	Expect FREQ						
MARKA 1Q	Climb on track 089° to TT511 –TT521 TT522 – MARKA	BY ATC	TATRY TOWER 121,350 MHz	Climb gradient at least 3,3% Close-in obstacles may exist.					
RNAV 1 SID Coding Table: MARKA 1Q									
Path Terminator	Waypoint			Course / Track	DIST	Turn Direction	Constraints		Navigation Specification
	Identifier	Flyover	Coordinates	MAG (True)			Level	Speed	
CF	TT511	NO	49°03'53,30"N 020°25'26,44"E	089° (094,1°)	6,5 NM	-	-	K205-	RNAV 1
TF	TT521	NO	48°59'55,15"N 020°24'59,53"E	179° (184,3°)	4,0 NM	RIGHT	A5500+	K205-	RNAV 1
TF	TT522	NO	48°53'51,51"N 020°24'18,57"E	179° (184,2°)	6,1 NM	-	A5500+	K205-	RNAV 1
TF	MARKA	NO	48°53'22,34"N 020°40'37,64"E	087° (092,5°)	10,8 NM	LEFT	A5500+	-	RNAV 1

ASC 4,9 % - 298 ft/NM

Ground speed (kt)	75	100	150	200	250	300
Vertical speed (ft/min)	372	496	744	992	1241	1489

ASC 5,0 % - 304 ft/NM

Ground speed (kt)	75	100	150	200	250	300
Vertical speed (ft/min)	380	506	760	1013	1266	1519

ASC 5,1 % - 310 ft/NM

Ground speed (kt)	75	100	150	200	250	300
Vertical speed (ft/min)	387	516	775	1033	1291	1549

ASC 5,2 % - 316 ft/NM

Ground speed (kt)	75	100	150	200	250	300
Vertical speed (ft/min)	395	527	790	1053	1316	1580