

NORSKENGLISH

ENR 3.5 Andre ruter**ENR 3.5 Other routes****1 TACAN-ruter**

Rutene er kun beregnet for militære luftfartøyer som utfører IFR-flyging over FL 195.

1 TACAN Routes

The routes are only intended to be used by military aircraft during IFR operations above FL 195.

Route designator Significant Points Coordinates	ELEV DME antenna	MAG TR DIST NM	Upper limit Lower limit Airspace class	Direction of cruising levels		RMK Controlling unit
				Odd	Even	
1	2	3	4	5		6
TBI						Norway ACC Oslo
▲ FIR BDRY TEKVO 570000.00N 0072024.32E	R-159.5 LST 70.1 NM 48 FT	340° 35.3 NM	FL660 FL195 C	↓		Norway ACC Stavanger MRA 34500 FT
▲ SOTEK 573315.34N 0065911.04E	R-159.5 LST 34.9 NM 48 FT	160° 340° 34.9 NM				
▲ Lista TACAN LST 580605.36N 0063732.90E		160° 341° 139.2 NM				
▲ Flesland TACAN FLE 601800.13N 0051248.92E		161° 029° 101.3 NM				
▲ BASTU 614512.29N 0065806.10E	R-029.6 FLE 101.3 NM 186 FT	210° 030° 137.2 NM		↑		Norway ACC Bodø MRA 23500 FT
▲ Ørland TACAN ORL 634051.94N 0093725.36E		211° 032° 162.6 NM				
▲ Mosjøen TACAN MOS 655239.64N 0131830.73E		213°				
				↓	↑	

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Route designator Significant Points Coordinates	ELEV DME antenna	MAG TR DIST NM	Upper limit Lower limit Airspace class	Direction of cruising levels		RMK Controlling unit	
				Odd	Even		
1	2	3	4	5		6	
TR 10 ▲ FIR BDRY KOTAK 580112.72N 0092949.91E ▲ Rygge TACAN RYG 592211.17N 0104840.48E ▲ EKTAK 620000.00N 0111153.48E ▲ Hummelfjell TACAN HUM 622557.38N 0111605.88E ▲ NEMDA 641100.00N 0111000.00E ▲ Mosjøen TACAN MOS 655239.64N 0131830.73E ▲ Bodø TACAN BOO 671558.49N 0142142.39E ▲ Evenes TACAN EVS 682928.64N 0164030.23E ▲ Bardufoss TACAN BAR	R-204.4 RYG 91.0 NM 214 FT		FL660 FL195 C		Norway ACC Oslo		
		024° 91.0 NM					
		205° 001° 158.7 NM					
		181° 001° 26.1 NM					
	R-181.4 HUM 26.1 NM 5022 FT	181° 001° 26.1 NM				Norway ACC Bodø	
		181° 356° 105.4 NM					
		R-355.5 HUM 105.4 NM 5022 FT			176° 024° 115.6 NM		
					205° 012° 87.3 NM		
	192° 029° 90.5 NM						
	210° 044° 53.4 NM						
		225°					

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2 FRA Transition Routes

For kart REF ENR 6.3-25/27/29/31

Tabellene nedenfor angir FRA Transition Routes til og fra de lufthavner der dette er etablert i forbindelse med Free Route Airspace, REF ENR 1.10.

2 FRA Transition Routes

For charts REF ENR 6.3-23/25/27/31

The table below states the FRA Transition Routes to and from the airports where such routes are established in conjunction with Free Route Airspace, REF ENR 1.10.

Ankomster til / Arrivals to ENGM		
<i>FRA Arrival Transition Point</i>	<i>STAR Initial Waypoint</i>	<i>Flight Plan</i>
BELGU	BELGU	DCT BELGU
ABUNO	INREX	DCT ABUNO L996 INREX
XELVI		DCT XELVI P600 INREX
EBURI	ESEBA	DCT EBURI N623 ESEBA ¹
XENTA	LUNIP	DCT XENTA L997 REGMA L997 LUNIP ¹
SABAK		DCT SABAK L997 REGMA L997 LUNIP ¹
PIPEX	RIPAM	DCT PIPEX M609 RIPAM
OSKOM		DCT OSKOM Z316 RIPAM
ADOPI	ADOPI	DCT ADOPI

¹ REF AIP Sweden

Avganger fra / Departures from ENGM		
<i>SID Final Waypoint</i>	<i>FRA Departure Transition Point</i>	<i>Flight Plan</i>
NUVSA	GIGNI	NUVSA Z125 GIGNI DCT
	EGAGO	NUVSA T311 EGAGO DCT ¹
MASEV	LEGPO	MASEV Z183 LEGPO DCT ¹
	MASEV	MASEV DCT ¹
OKSAT	KELIN	OKSAT L996 KELIN DCT ¹
	IPKAL	OKSAT L996 GETPA L727 IPKAL DCT ¹
TOR	TOR	TOR DCT
ATLAP	ATLAP	ATLAP DCT
EVT OG	EVT OG	EVT OG DCT

¹ REF AIP Sweden

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Ankomster til / Arrivals to ENRY/ENTO

<i>FRA Arrival Transition Point</i>	<i>STAR Initial Waypoint</i>	<i>Flight Plan</i>
XUKDI	BAMIX	DCT XUDKI P601 BAMIX
NIBNO	VATEX	DCT NIBNO Z166 VATEX ¹
OKSAT	VATEX	DCT OKSAT P609 VATEX ¹
XENTA	REGMA (only AVBL to ENRY)	DCT XENTA L997 REGMA ¹
XENTA	REPKU (only AVBL to ENTO)	DCT XENTA Y41 REPKU ¹
SABAK		DCT SABAK L617 REPKU ¹
ARTOR	ESOSI	DCT ARTOR Z128 ESOSI ²
ULMUG	ULMUG	DCT ULMUG

¹ REF AIP Sweden² REF AIP Denmark**Avganger fra / Departures from ENRY/ENTO**

<i>SID Final Waypoint</i>	<i>FRA Departure Transition Point</i>	<i>Flight Plan</i>
ELVOM	LILBA	ELVOM M125 LILBA DCT
	ROGED	ELVOM P850 ROGED DCT
	XIDMI	ELVOM Z372 XIDMI DCT
VATEX	NIBNO	VATEX Z166 NIBNO DCT ¹
	KSD	VATEX P609 KSD DCT ¹
MOGLU (only AVBL FM ENRY)	IPKAL	MOGLU L727 IPKAL DCT ¹
	KELIN	MOGLU L727 GETPA L996 KELIN DCT ¹
BOMGU (only AVBL FM ENTO)	SABAK	BOMGU Y440 SABAK DCT ¹
	LATKU	BOMGU Z132 LATKU DCT ¹
ELKOP	ELKOP	ELKOP DCT
LUTOT	LUTOT	LUTOT DCT
TITUX	TITUX	TITUX DCT
BAKIV	BAKIV	BAKIV DCT

¹ REF AIP Sweden

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Ankomster til / Arrivals to ENBR		
<i>FRA Arrival Transition Point</i>	<i>STAR Initial Waypoint</i>	<i>Flight Plan</i>
ALUVA	ALUVA	DCT ALUVA
BADAB	BADAB	DCT BADAB
LUNUR	LUNUR	DCT LUNUR
MODNI	MODNI	DCT MODNI
NIDGI	NIDGI	DCT NIDGI
PESUR	PESUR	DCT PESUR

Avganger fra / Departures from ENBR		
<i>SID Final Waypoint</i>	<i>FRA Departure Transition Point</i>	<i>Flight Plan</i>
OLDAS	OLDAS	OLDAS DCT
INTUM	INTUM	INTUM DCT
GOKAB	GOKAB	GOKAB DCT
TINIG	TINIG	TINIG DCT
TUXIL	ZOL	TUXIL P603 ZOL DCT
BEGOD	BEGOD	BEGOD DCT
EPOTU	EPOTU	EPOTU DCT

Ankomster til / Arrivals to ENZV		
<i>FRA Arrival Transition Point</i>	<i>STAR Initial Waypoint</i>	<i>Flight Plan</i>
BEGOD	BEGOD	DCT BEGOD
IDIFI	IDIFI	DCT IDIFI
KUNEM	KUNEM	DCT KUNEM
RIVEX	RIVEX	DCT RIVEX
ROPNO	ROPNO	DCT ROPNO
UNBUD	UNBUD	DCT UNBUD
UPDER	UPDER	DCT UPDER

Avganger fra / Departures from ENZV		
<i>SID Final Waypoint</i>	<i>FRA Departure Transition Point</i>	<i>Flight Plan</i>
ALUVA	ALUVA	ALUVA DCT
BIVKI	BIVKI	BIVKI DCT
GEDLU	GEDLU	GEDLU DCT
LAPOT	LAPOT	LAPOT DCT
ODINU	ODINU	ODINU DCT
PEVEB	PEVEB	PEVEB DCT
RUMOG	RUMOG	RUMOG DCT
UPLEV	UPLEV	UPLEV DCT

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Ankomster til / Arrivals to ENVA

<i>FRA Arrival Transition Point</i>	<i>STAR Initial Waypoint</i>	<i>Flight Plan</i>
MIVSO	MIVSO	DCT MIVSO
NELSU	NELSU	DCT NELSU
NUPGO	NUPGO	DCT NUPGO
VEVOD	VEVOD	DCT VEVOD

Avganger fra / Departures from ENVA

<i>SID Final Waypoint</i>	<i>FRA Departure Transition Point</i>	<i>Flight Plan</i>
EVNEN	ABUNO	EVNEN L996 ABUNO DCT
GOGOX	GOGOX	GOGOX DCT
NAMOX	NAMOX	NAMOX DCT
OSMUM	OSMUM	OSMUM DCT
SOLKA	SOLKA	SOLKA DCT ¹
UTUNA	UTUNA	UTUNA DCT

¹) REF AIP Sweden