

ENR 4. Funknavigationshilfen / Systeme Radio Navigation Aids / Systems

ENR 4.1 Militärische Funknavigationshilfen - auf Strecke Military Radio Navigation Aids - Enroute

Stationsname Name of station (VAR 2011.0)	Kennung ID	Freq / Kanal Freq / Ch	HR	Koordinaten Coordinates	Stationshöhe Station ELEV	Anmerkungen Remarks
1	2	3	4	5	6	7
GEILENKIRCHEN TACAN (0°E)	GIX	CH 18X	H24	50°57.8004'N 006°02.7113'E	327 ft MSL	Coverage 80 NM / FL500
HOLZDORF TACAN (3°E)	HOZ	CH 119Y	H24	51°46.0030'N 013°11.9375'E	308 ft MSL	Coverage 90 NM / FL500
INGOLSTADT TACAN (2°E)	IGL	CH 51X	H24	48°43.0824'N 011°34.1803'E	1237 ft MSL	Coverage 292° - 338°: 60 NM / FL500 338° - 292°: 40 NM / FL500 Minimum reception altitude: btn R-190 and R-020 at 40 NM 5000 ft GND, btn R-020 and R-190 at 40 NM 6000 ft GND.
LAAGE TACAN (2°E)	LAG	CH 19Y	H24	53°55.1915'N 012°17.1851'E	190 ft MSL	Coverage 80 NM / FL500
LECHFELD TACAN (2°E)	LCH	CH 25X	H24	48°11.4258'N 010°51.5395'E	1838 ft MSL	Coverage 40 NM / FL300 Unusable btn R-120 and R-240 beyond 35 NM below 4000 ft MSL
NEUBRANDEN- BURG TACAN (3°E)	NEG	CH 17Y	H24	53°36.2764'N 013°18.5191'E	270 ft MSL	Coverage 50 NM / FL300
NÖRVENICH VORTAC (1°E)	NOR	116.200 MHz CH 109X	H24	50°50.4395'N 006°41.6493'E	367 ft MSL	Coverage 60 NM / FL500 Restrictions for TACAN part: Unusable between beyond below 140° - 190° 40 NM 3500 ft MSL 190° - 260° 40 NM 4000 ft MSL
NORDHOLZ TACAN (1°E)	NDO	CH 118X	H24	53°46.1389'N 008°39.2131'E	120 ft MSL	Coverage 000° - 270°: 60 NM / FL500 270° - 360°: 180 NM / FL500 Unreliable btn R-020 and R-060 beyond 20 NM at and below 3000 ft MSL
OSNABRÜCK TACAN (1°E)	OSB	CH 20Y	H24	52°12.0082'N 008°17.1312'E	417 ft MSL	Coverage 50 NM / FL300

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RAMSTEIN TACAN (1°E)	RMS	CH 81X	H24	49°26.0840'N 007°35.1392'E	805 ft MSL	Coverage 80 NM / FL500 TACAN unusable: between beyond below 008° - 099° 15 NM 5000 ft MSL 008° - 099° 25 NM 8000 ft MSL 008° - 099° 38 NM all Altitudes 100° - 108° 5 NM 8000 ft MSL 100° - 108° 38 NM all Altitudes 109° - 179° 5 NM all Altitudes 180° - 217° 10 NM all Altitudes 218° - 235° 15 NM all Altitudes 236° - 254° 15 NM 5000 ft MSL 236° - 254° 22 NM all Altitudes 255° - 269° 28 NM all Altitudes 270° - 285° 28 NM 8000 ft MSL 286° - 321° 7 NM 5000 ft MSL 286° - 321° 25 NM 8000 ft MSL 286° - 321° 38 NM all Altitudes 322° - 007° 7 NM 5000 ft MSL 322° - 007° 25 NM 7000 ft MSL
SCHLESWIG TACAN (1°E)	SWG	CH 55X	H24	54°27.2230'N 009°30.0911'E	105 ft MSL	Coverage 80 NM / FL500
WITTMUND TACAN (1°E)	WTM	CH 82X	H24	53°33.2600'N 007°43.5067'E	61 ft MSL	Coverage 60 NM / FL500
WUNSTORF TACAN (2°E)	WUN	CH 95Y	H24	52°27.2913'N 009°25.7630'E	196 ft MSL	Coverage 80 NM / FL 500