



This document constitutes divisional Special Operations Order as defined by Chapter 10 of IVAO Special Operations Regulations; compliance with this divisional SO Order is mandatory when operating within the concerned division. Refer to SO Regulations available at <http://sod.iviao.aero/regulations>

Divisional Special Operations Order for

German Division.

Item 1. Permanent segregated airspace reserved for exclusive use by Special Operations flights

Area type and identification	Conditions of use	Lateral limits	Vertical limits	Activation details
TRA Friesland (ED-R 201)	Reserved and designated for exclusive use by SO flights only.	534000N 0063000E – 534333N 0065300E – 534967N 0073800E – 535090N 0074983E – 541242N 0083082E – 542970N 0081200E – 543900N 0081200E – 544400N 0081100E – 544827N 0081172E – 545600N 0081300E – 550368N 0081972E – 545105N 0093097E – 543600N 0094300E – 543700N 0095500E – 542880N 0100200E – 543000N 0102500E – 542000N 0102500E – 541637N 0103662E – 541150N 0102500E – 540200N 0095400E – 535312N 0091492E – 533483N 0085633E – 532425N 0082800E – 531800N 0071150E – 531900N 0070150E – 534000N 0063000E	<u>FL245</u> <u>FL080</u>	By NOTAM (request via email at least 72 hours in advance from IVAO Users)
TRA Weser 1 (ED-R 202)	Reserved and designated for	532273N 0080830E – 531160N 0081077E – 531233N 0081917E –	<u>FL245</u> <u>FL080</u>	By NOTAM (request via email at least 72



	exclusive use by SO flights only.	530000N 0082600E – 524425N 0083425E – 522667N 0081500E – 522350N 0081150E – 521700N 0080000E – 521600N 0074650E – 521588N 0073733E – 521423N 0070378E – 522360N 0070367E – 523998N 0070345E – 524122N 0070358E – 530652N 0071213E – 531800N 0071150E – 532273N 0080830E		hours in advance from IVAO Users)
TRA Weser 2 (ED-R 302)	Reserved and designated for exclusive use by SO flights only.	543600N 0094300E – 541600N 0103200E – 534333N 0092367E – 522133N 0090617E – 521695N 0070174E – 522383N 0070355E – 523942N 0070337E – 531690N 0071182E – 543600N 0094300E	<u>FL660</u> <u>FL245</u>	By NOTAM (request via email at least 72 hours in advance from IVAO Users)
TRA Weser 2 ABC (ED-R 302)	Reserved and designated for exclusive use by SO flights only.	543600N 0094300E – 541600N 0103200E – 534333N 0092367E – 532805N 0084780E – 532095N 0071942E – 530513N 0071198E – 531327N 0085192E – 530983N 0091645E – 522133N 0090617E – 521842N 0074315E – 521695N 0070173E – 522360N 0070367E – 523942N 0070337E – 530513N 0071198E – 532095N 0071942E – 543600N 0094300E	<u>FL660</u> <u>FL245</u>	By NOTAM (request via email at least 72 hours in advance from IVAO Users)
TRA Münsterland (ED-R 203)	Reserved and designated for	520733N 0081867E – 520830N 0085667E – 515798N 0085667E – 513500N 0085667E –	Sector A: <u>FL150</u> <u>FL080</u>	By NOTAM (request via email at least 72



	exclusive use by SO flights only.	513300N 0085520E – 513000N 0085300E – 513033N 0080750E – 513600N 0080100E – 514900N 0075200E – 520733N 0081867E	Sector B: <u>FL220</u> <u>FL150</u>	hours in advance from IVAO Users)
TRA Lauter 1 (ED-R 205)	Reserved and designated for exclusive use by SO flights only.	495657N 0065393E – 495018N 0073616E – 494265N 0082365E – 494018N 0082693E – 492080N 0082448E – 490458N 0082245E – 490027N 0082090E – 485807N 0081750E – 485827N 0081370E – 490860N 0072117E – 490995N 0064478E – 491195N 0064343E – 491308N 0064267E – 491682N 0064020E – 493808N 0062568E – 493899N 0062628E – 494860N 0063022E – 495607N 0063653E – 495657N 0065393E	 <u>FL245</u> <u>FL100</u>	By NOTAM (request via email at least 72 hours in advance from IVAO Users)
TRA Lauter 2 (ED-R 305)	Reserved and designated for exclusive use by SO flights only.	495657N 0065393E – 495018N 0073616E – 494265N 0082365E – 494018N 0082693E – 492080N 0082448E – 490458N 0082245E – 490027N 0082090E – 485807N 0081750E – 485827N 0081370E – 490860N 0072117E – 490995N 0064478E – 491195N 0064343E – 491308N 0064267E – 491682N 0064020E – 493808N 0062568E – 493899N 0062628E – 494860N 0063022E –	 <u>UNL</u> <u>FL245</u>	By NOTAM (request via email at least 72 hours in advance from IVAO Users)



		495607N 0063653E – 495657N 0065393E		
TRA Allgäu 1 (ED-R 107)	Reserved and designated for exclusive use by SO flights only.	483972N 0103263E – 482183N 0110000E – 480183N 0110000E – 475465N 0101858E – 475340N 0093300E – 483167N 0093300E – 483750N 0094212E – 483972N 0103263E	<u>FL215</u> <u>FL100</u>	By NOTAM (request via email at least 72 hours in advance from IVAO Users)
TRA Allgäu 2 (ED-R 207)	Reserved and designated for exclusive use by SO flights only.	485187N 0100478E – 484280N 0102747E – 483972N 0103263E – 482183N 0110000E – 481428N 0111142E – 475558N 0111403E – 475015N 0102402E – 475465N 0101858E – 475340N 0093300E – 483167N 0093300E – 484192N 0094118E – 485187N 0100478E	<u>FL315</u> <u>FL215</u>	By NOTAM (request via email at least 72 hours in advance from IVAO Users)
TRA Allgäu 3 (ED-R 307)	Reserved and designated for exclusive use by SO flights only.	485187N 0100478E – 484280N 0102747E – 483972N 0103263E – 482183N 0110000E – 481428N 0111142E – 475558N 0111403E – 475015N 0102402E – 475465N 0101858E – 483167N 0093300E – 484192N 0094118E – 485187N 0100478E	<u>FL355</u> <u>FL315</u>	By NOTAM (request via email at least 72 hours in advance from IVAO Users)
TRA Allgäu 4 (ED-R 407)	Reserved and designated for exclusive use by SO flights only.	490398N 0095423E – 484280N 0102747E – 483972N 0103263E – 482183N 0110000E – 481428N 0111142E – 475558N 0111403E – 475015N 0102402E – 475465N 0101858E – 483167N 0093300E –	Sectors C+S: <u>FL660</u> <u>FL355</u> Sector N: <u>FL660</u> <u>FL400</u>	By NOTAM (request via email at least 72 hours in advance from IVAO Users)



		484053N 0092142E – 485177N 0092315E – 490398N 0095423E		
TRA Sachsen 1 (ED-R 208)	Reserved and designated for exclusive use by SO flights only.	513052N 0132010E – 510412N 0131315E – 505950N 0131173E – 504150N 0125755E – 502632N 0121187E – 503142N 0115605E – 503992N 0115183E – 511567N 0123127E – 512743N 0124962E – 513050N 0130600E – 513052N 0132010E	<u>FL285</u> <u>FL100</u>	By NOTAM (request via email at least 72 hours in advance from IVAO Users)
TRA Sachsen 2 (ED-R 308)	Reserved and designated for exclusive use by SO flights only.	510412N 0131315E – 505950N 0131173E – 504150N 0125755E – 502632N 0121187E – 503142N 0115605E – 503992N 0115183E – 511567N 0123127E – 511490N 0124577E – 510412N 0131315E	<u>FL350</u> <u>FL285</u>	By NOTAM (request via email at least 72 hours in advance from IVAO Users)
MVPA North East (ED-R 401) BASIC 1A	Reserved and designated for exclusive use by SO flights only.	542740N 0123635E – 542157N 0130398E – 541668N 0131168E – 540248N 0130388E – 541152N 0121525E – 542740N 0123635E	<u>FL660</u> <u>FL100</u>	By NOTAM (request via email at least 72 hours in advance from IVAO Users)
MVPA North East (ED-R 401) BASIC 1B	Reserved and designated for exclusive use by SO flights only.	541152N 0121525E – 540248N 0130388E – 534822N 0125615E – 535718N 0120773E – 541152N 0121525E	<u>FL660</u> <u>FL100</u>	By NOTAM (request via email at least 72 hours in advance from IVAO Users)
MVPA North East (ED-R 401) BASIC 1C	Reserved and designated for exclusive use by SO flights only.	535718N 0120773E – 534822N 0125615E – 533382N 0124842E – 534277N 0120027E – 535718N 0120773E	<u>FL660</u> <u>FL100</u>	By NOTAM (request via email at least 72 hours in



				advance from IVAO Users)
MVPA North East (ED-R 401) BASIC 1D	Reserved and designated for exclusive use by SO flights only.	534277N 0120027E – 533382N 0124842E – 531603N 0123902E – 532488N 0115113E – 534277N 0120027E	$\frac{FL660}{FL100}$	By NOTAM (request via email at least 72 hours in advance from IVAO Users)
MVPA North East (ED-R 401) BASIC 1E	Reserved and designated for exclusive use by SO flights only.	532488N 0115113E – 531603N 0123902E – 530525N 0123337E – 530623N 0115660E – 531408N 0114567E – 532488N 0115113E	$\frac{FL660}{FL100}$	By NOTAM (request via email at least 72 hours in advance from IVAO Users)
MVPA North East (ED-R 401) BASIC 2A	Reserved and designated for exclusive use by SO flights only.	541668N 0131168E – 535440N 0134513E – 540248N 0130388E – 541668N 0131168E	$\frac{FL660}{FL100}$	By NOTAM (request via email at least 72 hours in advance from IVAO Users)
MVPA North East (ED-R 401) BASIC 2B	Reserved and designated for exclusive use by SO flights only.	540248N 0130388E – 535440N 0134513E – 533883N 0134472E – 534822N 0125615E – 540248N 0130388E	$\frac{FL660}{FL100}$	By NOTAM (request via email at least 72 hours in advance from IVAO Users)
MVPA North East (ED-R 401) BASIC 2C	Reserved and designated for exclusive use by SO flights only.	534822N 0125615E – 533883N 0134472E – 532450N 0133638E – 533382N 0124842E – 534822N 0125615E	$\frac{FL660}{FL100}$	By NOTAM (request via email at least 72 hours in advance from IVAO Users)
MVPA North East (ED-R 401) BASIC 2D	Reserved and designated for exclusive use by SO flights only.	533382N 0124842E – 532450N 0133638E – 530677N 0132700E – 531603N 0123902E – 533382N 0124842E	$\frac{FL660}{FL100}$	By NOTAM (request via email at least 72 hours in



				advance from IVAO Users)
MVPA North East (ED-R 401) BASIC 2E	Reserved and designated for exclusive use by SO flights only.	531603N 0123902E – 530677N 0132700E – 530380N 0131083E – 530525N 0123337E – 531603N 0123902E	$\frac{FL660}{FL100}$	By NOTAM (request via email at least 72 hours in advance from IVAO Users)
MVPA North East (ED-R 401) BASIC 1N + BASIC 1NH + MORE 101	Reserved and designated for exclusive use by SO flights only.	542740N 0123635E – 544153N 0125713E – 543663N 0132283E – 541668N 0131168E – 542157N 0130398E – 542740N 0123635E	BASIC 1N: $\frac{FL660}{FL100}$ BASIC 1NH: $\frac{FL660}{FL100}$ MORE 101: $\frac{FL660}{FL100}$	By NOTAM (request via email at least 72 hours in advance from IVAO Users)
MVPA North East (ED-R 401) BASIC 2N + MORE 102	Reserved and designated for exclusive use by SO flights only.	543663N 0132283E – 543458N 0133343E – 543037N 0135283E – 533883N 0134472E – 535440N 0134513E – 541668N 0131168E – 543663N 0132283E	BASIC 2N: $\frac{FL280}{FL100}$ MORE 102: $\frac{FL280}{FL220}$	By NOTAM (request via email at least 72 hours in advance from IVAO Users)
MVPA North East (ED-R 401) MORE 111	Reserved and designated for exclusive use by SO flights only.	531408N 0114567E – 530623N 0115660E – 530525N 0123337E – 524090N 0122080E – 524652N 0114530E – 531408N 0114567E	$\frac{FL450}{FL350}$	By NOTAM (request via email at least 72 hours in advance from IVAO Users)
MVPA North East (ED-R 401) MORE 112	Reserved and designated for exclusive use by SO flights only.	530525N 0123337E – 530380N 0131083E – 530677N 0132700E – 523555N 0125352E – 524090N 0122080E – 530525N 0123337E	$\frac{FL450}{FL350}$	By NOTAM (request via email at least 72 hours in advance from IVAO Users)
MVPA North East (ED-R 401) MORE 120	Reserved and designated for	541332N 0114345E – 540787N 0121333E – 531910N 0114820E –		By NOTAM (request via email at least 72





Item 2. Operational restrictions and mandatory procedures for Special Operations flights

Crossing of active restricted airspace is only possible with permission from active ATC unit responsible for this area, if safety and separation is maintained. If there is no ATC available, traffic not involved in SO activity shall not enter the airspace under any circumstance.

Item 3. Controlling military units and other SO units other than civil ATS

Identifier	Callsign	Frequency	AoR	Services	TFC handled	Rating	GCA	other requirements
ETAD_TWR	Spangdahlem Tower	122.200	CTR Spangdahlem (GND - 3700ft)	VFR, IFR	all ttc in CTR	ADC	yes	
ETAR_TWR	Ramstein Tower	133.200	CTR Ramstein (GND - 3600ft)	VFR, IFR	all ttc in CTR	ADC	yes	
ETEB_TWR	Ansbach Tower	122.100	CTR Ansbach (GND - 3000ft)	VFR, IFR	all ttc in CTR	ADC	yes	
ETGG_RG_CTR	Glücksburg Rescue	130.700	Northsea	VFR	SAR-traffic	CAI	yes	only for special purposes
ETGG_RM_CTR	Rescue Münster	123.100	complete Germany	VFR	SAR-traffic	CAI	yes	only for special purposes
ETHA_TWR	Altenstadt Tower	130.650	ED-R 141 (GND - FL100)	VFR	ttc approaching or departing	APC	yes	
ETHB_APP	Bückeburg Radar	124.500	APP sector Bückeburg	VFR, IFR	all ttc in AOR	ADC	yes	
ETHB_TWR	Bückeburg Tower	135.090	CTR Bückeburg (GND - 2500ft)	VFR, IFR	all ttc in CTR	AS3	yes	
ETHC_APP	Celle Radar	130.505	APP sector Celle	VFR, IFR	all ttc in AOR	ADC	yes	
ETHC_TWR	Celle Tower	118.255	CTR Celle (GND - 2000ft)	VFR, IFR	all ttc in CTR	AS3	yes	
ETHF_APP	Fritzlar Radar	120.865	APP sector Fritzlar	VFR, IFR	all ttc in AOR	ADC	yes	
ETHF_TWR	Fritzlar Tower	130.660	CTR Fritzlar (GND - 2700ft)	VFR, IFR	all ttc in CTR	AS3	yes	
ETHL_APP	Lima Radar	120.450	APP sector Laupheim	VFR, IFR	all ttc in AOR	ADC	yes	
ETHL_TWR	Lima Tower	133.310	CTR Laupheim (GND - 3500ft)	VFR, IFR	all ttc in CTR	AS3	yes	
ETHN_APP	Stetten Radar	127.190	APP sector Niederstetten	VFR, IFR	all ttc in AOR	ADC	yes	
ETHN_TWR	Stetten Tower	119.780	CTR Niederstetten (GND - 3500ft)	VFR, IFR	all ttc in CTR	AS3	yes	
ETHS_APP	Fassberg Radar	122.425	APP sector Fassberg	VFR, IFR	all ttc in AOR	ADC	yes	
ETHS_KUM_TWR	Eisbär	130.905	vicinity of Kummerland	VFR	ttc approaching or departing	CAI	yes	only for special purposes
ETHS_LOH_TWR	Bergen Local	122.135	vicinity of Bergen	VFR	ttc approaching or departing	CAI	yes	only for special purposes
ETHS_TWR	Fassberg Tower	118.525	CTR Fassberg (GND - 2500ft)	VFR, IFR	all ttc in CTR	AS3	yes	
ETIC_TWR	Grafenwöhr Tower	120.255	CTR Grafenwöhr (GND - 2900 ft)	VFR, IFR	all ttc in CTR	APC	yes	
ETIH_TWR	Hohenfels Tower	125.365	vicinity of ETIH	VFR	ttc approaching or departing	APC	yes	
ETIK_TWR	Illesheim Tower	118.260	CTR Illesheim (GND - 3000ft)	VFR, IFR	all ttc in CTR	APC	yes	
ETMM_CTR	Sunrise	129.675	Southern part of Germany	military all-in-one	only military	APC	yes	
ETMN_APP	Nordholz Radar	129.850	APP sector Nordholz	VFR, IFR	all ttc in AOR	ADC	yes	
ETMN_TWR	Nordholz Tower	131.250	CTR Nordholz (GND - 2600ft)	VFR, IFR	all ttc in CTR	AS3	yes	
ETND_TWR	Diepholz Tower	122.530	CTR Diepholz (GND - 2500ft)	VFR, IFR	all ttc in CTR	APC	yes	
ETNG_APP	Frisbee Radar	123.730	APP sector Geilenkirchen	VFR, IFR	all ttc in AOR	CAI	yes	
ETNG_TWR	Frisbee Tower	120.055	CTR Geilenkirchen (GND - 3000ft)	VFR, IFR	all ttc in CTR	AS3	yes	
ETNH_APP	Hohn Radar	118.680	APP sector Hohn	VFR, IFR	all ttc in AOR	ADC	yes	
ETNH_TWR	Hohn Tower	123.655	CTR Hohn (GND - 2600ft)	VFR, IFR	all ttc in CTR	AS3	yes	
ETNL_APP	Laage Radar	133.105	APP sector Laage	VFR, IFR	all ttc in AOR	ADC	yes	
ETNL_TWR	Laage Tower	118.430	CTR Laage (GND - 2300ft)	VFR, IFR	all ttc in CTR	AS3	yes	
ETNN_APP	Nörvenich Radar	129.050	APP sector Nörvenich	VFR, IFR	all ttc in AOR	ADC	yes	
ETNN_TWR	Nörvenich Tower	136.200	CTR Nörvenich (GND - 2900ft)	VFR, IFR	all ttc in CTR	AS3	yes	
ETNS_APP	Schleswig Radar	118.550	APP sector Schleswig	VFR, IFR	all ttc in AOR	CAI	yes	
ETNS_TWR	Schleswig Tower	135.150	CTR Schleswig (GND - 2600ft)	VFR, IFR	all ttc in CTR	AS3	yes	
ETNT_APP	Wittmund Radar	131.015	APP sector Wittmund	VFR, IFR	all ttc in AOR	ADC	yes	
ETNT_TWR	Wittmund Tower	118.730	CTR Wittmund (GND - 2500ft)	VFR, IFR	all ttc in CTR	AS3	yes	
ETNW_APP	Wunstorf Radar	124.650	APP sector Wunstorf	VFR, IFR	all ttc in AOR	ADC	yes	
ETNW_TWR	Wunstorf Tower	132.055	CTR Hannover Sector Wunstorf (GND - 2500ft)	VFR, IFR	all ttc in CTR	AS3	yes	
ETOU_TWR	Wiesbaden Tower	134.930	CTR Wiesbaden (GND - 1500ft)	VFR, IFR	all ttc in CTR	AS3	yes	
ETSB_APP	Büchel Radar	123.300	APP sector Büchel	VFR, IFR	all ttc in AOR	ADC	yes	
ETSB_TWR	Büchel Tower	130.080	CTR Büchel (GND - 4100ft)	VFR, IFR	all ttc in CTR	AS3	yes	
ETSH_APP	Holzendorf Radar	130.655	APP sector Holzendorf	VFR, IFR	all ttc in AOR	ADC	yes	
ETSH_TWR	Holzendorf Tower	130.500	CTR Holzendorf (GND - 2800ft)	VFR, IFR	all ttc in CTR	AS3	yes	
ETSI_APP	Ingo Radar	120.600	APP sector Ingolstadt	VFR, IFR	all ttc in AOR	ADC	yes	
ETSI_M_APP	Ingo Radar	125.580	APP sectors Ingolstadt + Neuburg	VFR, IFR	all ttc in AOR	ADC	yes	
ETSI_TWR	Ingo Tower	125.255	CTR Ingolstadt (GND - 3700ft)	VFR, IFR	all ttc in CTR	AS3	yes	
ETSL_APP	Lechfeld Radar	129.030	APP sector Lechfeld	VFR, IFR	all ttc in AOR	ADC	yes	
ETSL_TWR	Lechfeld Tower	135.155	CTR Lechfeld (GND - 4500ft)	VFR, IFR	all ttc in CTR	AS3	yes	
ETSN_APP	Donau Radar	130.155	APP sector Neuburg	VFR, IFR	all ttc in AOR	ADC	yes	
ETSN_TWR	Donau Tower	129.855	CTR Neuburg (GND - 3700ft)	VFR, IFR	all ttc in CTR	AS3	yes	
ETWM_TWR	Meppen Info	132.810	vicinity of ETWM	VFR	ttc approaching or departing	APC	yes	
ETWW_CTR	Loneship	132.775	Northern part of Germany	military all-in-one	only military	APC	yes	

Item 4. Divisional manual on controlling military units and other SO units

Under development



Item 5. IVAO members registered elsewhere authorised to perform SO flights

None.

Note. It is permissible for IVAO members to perform SO flights that constitute participation in international SO events, international SO tours, or divisional SO tours without authorisation of any division.

Item 6. SOGs registered elsewhere authorised to perform SO flights

None.

Note. It is permissible for SOGs to perform SO flights that constitute participation in international SO events, international SO tours, or divisional SO tours without authorisation of any division.

Item 7. SO—related Letters of Agreements

None.

— END OF DIVISIONAL SO ORDER —