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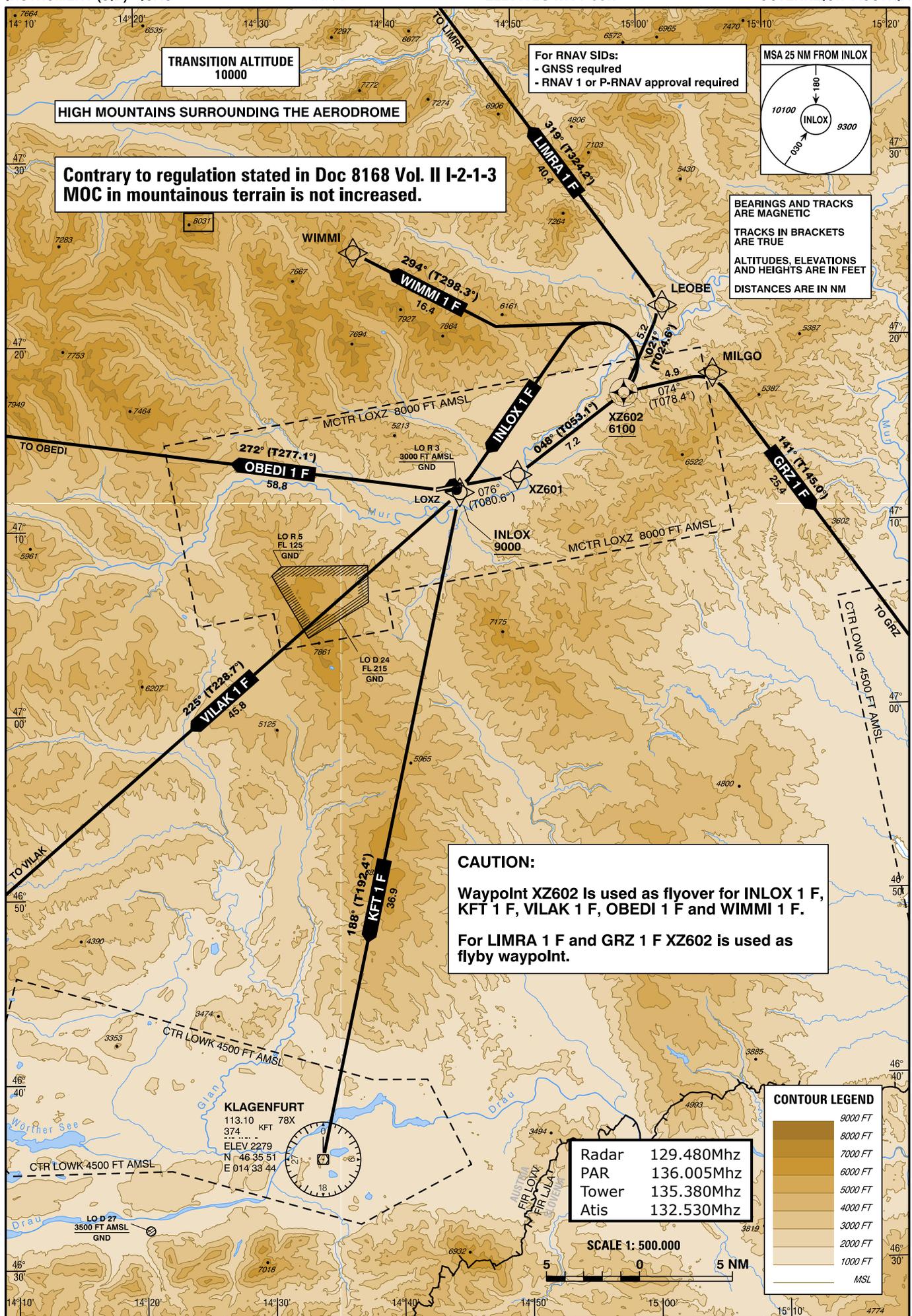
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AUSTRIA

# STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

VAR 5°E

## ZELTWEG RWY 08R

## ZELTWEG (LOXZ) ÖSTERREICH AUSTRIA

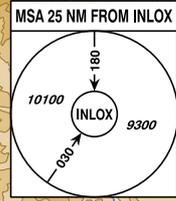


TRANSITION ALTITUDE  
10000

HIGH MOUNTAINS SURROUNDING THE AERODROME

Contrary to regulation stated in Doc 8168 Vol. II I-2-1-3  
MOC in mountainous terrain is not increased.

For RNAV SIDs:  
- GNSS required  
- RNAV 1 or P-RNAV approval required



BEARINGS AND TRACKS ARE MAGNETIC  
TRACKS IN BRACKETS ARE TRUE  
ALTITUDES, ELEVATIONS AND HEIGHTS ARE IN FEET  
DISTANCES ARE IN NM

**CAUTION:**  
Waypoint XZ602 is used as flyover for INLOX 1 F, KFT 1 F, VILAK 1 F, OBEDI 1 F and WIMMI 1 F.  
For LIMRA 1 F and GRZ 1 F XZ602 is used as flyby waypoint.

**CONTOUR LEGEND**

9000 FT
8000 FT
7000 FT
6000 FT
5000 FT
4000 FT
3000 FT
2000 FT
1000 FT
MSL

Radar	129.480Mhz
PAR	136.005Mhz
Tower	135.380Mhz
Atis	132.530Mhz

SCALE 1: 500.000



CHANGE: FREQ.: EDITORIAL

PROCEDURE DESIGN: Bundesministerium für Landesverteidigung; PUBLICATION: Austro Control GmbH

**STANDARD DEPARTURE ROUTES - INSTRUMENT  
SID's**

**ZELTWEG  
RWY 08R**

Calculation of the SID's is based on an all - engines operative minimum net climb gradient of 6.25% (380 FT/NM) up to XZ602 (6100 FT) - thereafter 3.3% (205 FT/NM). Where a greater climb gradient for a specific SID (or part of SID) is necessary this is indicated in the description of the route. MAX IAS during initial turns at XZ601 and XZ602 205 KT, bank angle at least 20° - thereafter MAX IAS 250 KT up to 10000 FT. If radar vectoring is provided the climb gradient of the cleared SID shall be continued.

Aircraft unable to comply with the prescribed climb gradients shall inform ATC accordingly.

**Waypoint XZ602 is used as flyover for INLOX 1 F, KFT 1 F, VILAK 1 F, OBEDI 1 F and WIMMI 1 F. For LIMRA 1 F and GRZ 1 F XZ602 is used as flyby waypoint.**

Designator	Route	After Take-Off		Remarks
		Climb to ..initially	Expect FREQ	
<b>GRZ 1 F</b> Graz one foxtrot departure	Climb on track 076° to XZ601 - XZ602 - MILGO - VOR/DME GRZ	By ATC	ZELTWEG RADAR 129.480 MHZ	Climb gradient at least 6.25 % (380 FT/NM) until passing XZ602 and 6100 FT MSL.

Contact ZELTWEG RADAR when advised by Tower

**RNAV SID Coding Table of GRZ 1 F**

Path Terminator	Waypoint			Course/ Track ° MAG (° True)	DIST NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
CF	XZ601	no	N471245.50 E0144956.18	076° (080.6°)				K205-	RNAV 1	
TF	XZ602	no	N471706.91 E0145827.14	048° (053.1°)	7.2	left	A6100+	K205-	RNAV 1	
TF	MILGO	no	N471806.16 E0150529.94	074° (078.4°)	4.9	right		K205-	RNAV 1	
TF	VOR/DME GRZ	no	N465719.32 E0152657.95	141° (145.0°)	25.4	right	A9000+		RNAV 1	

Designator	Route	After Take-Off		Remarks
		Climb to ..initially	Expect FREQ	
<b>INLOX 1 F</b> Inlox one foxtrot departure	Climb on track 076° to XZ601 - XZ602 - INLOX	By ATC	ZELTWEG RADAR 129.480 MHZ	Climb gradient at least 6.25 % (380 FT/NM) until passing XZ602 and 6100 FT MSL.

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**RNAV SID Coding Table of INLOX 1 F**

Path Terminator	Waypoint			Course/ Track ° MAG (° True)	DIST NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
CF	XZ601	no	N471245.50 E0144956.18	076° (080.6°)				K205-	RNAV 1	
TF	XZ602	yes	N471706.91 E0145827.14	048° (053.1°)	7.2	left	A6100+	K205-	RNAV 1	
DF	INLOX	no	N471151.95 E0144521.40			left	A9000+	K205-	RNAV 1	

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Calculation of the SID's is based on an all - engines operative minimum net climb gradient of 6.25% (380 FT/NM) up to XZ602 (6100 FT) - thereafter 3.3% (205 FT/NM). Where a greater climb gradient for a specific SID (or part of SID) is necessary this is indicated in the description of the route. MAX IAS during initial turns at XZ601 and XZ602 205 KT, bank angle at least 20° - thereafter MAX IAS 250 KT up to 10000 FT. If radar vectoring is provided the climb gradient of the cleared SID shall be continued.

Aircraft unable to comply with the prescribed climb gradients shall inform ATC accordingly.

**Waypoint XZ602 is used as flyover for INLOX 1 F, KFT 1 F, VILAK 1 F, OBEDI 1 F and WIMMI 1 F. For LIMRA 1 F and GRZ 1 F XZ602 is used as flyby waypoint.**

Designator	Route	After Take-Off		Remarks
		Climb to ..initially	Expect FREQ	
<b>KFT 1 F</b> Klagenfurt one foxtrot departure	Climb on track 076° to XZ601 - XZ602 - INLOX - VOR/DME KFT	By ATC	ZELTWEG RADAR 129.480 MHZ	Climb gradient at least 6.25 % (380 FT/NM) until passing XZ602 and 6100 FT MSL.

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**RNAV SID Coding Table of KFT 1 F**

Path Terminator	Waypoint			Course/Track ° MAG (° True)	DIST NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
CF	XZ601	no	N471245.50 E0144956.18	076° (080.6°)				K205-	RNAV 1	
TF	XZ602	yes	N471706.91 E0145827.14	048° (053.1°)	7.2	left	A6100+	K205-	RNAV 1	
DF	INLOX	no	N471151.95 E0144521.40			left	A9000+	K205-	RNAV 1	
TF	VOR/DME KFT	no	N463551.30 E0143344.35	188° (192.4°)	36.9		A11000+		RNAV 1	

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Designator	Route	After Take-Off		Remarks
		Climb to ..initially	Expect FREQ	
<b>LIMRA 1 F</b> Limra one foxtrot departure	Climb on track 076° to XZ601 - XZ602 - LEOBE - LIMRA	By ATC	ZELTWEG RADAR 129.480 MHZ	Climb gradient at least 6.25 % (380 FT/NM) until passing XZ602 and 6100 FT MSL.

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**RNAV SID Coding Table of LIMRA 1 F**

Path Terminator	Waypoint			Course/Track ° MAG (° True)	DIST NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
CF	XZ601	no	N471245.50 E0144956.18	076° (080.6°)				K205-	RNAV 1	
TF	XZ602	no	N471706.91 E0145827.14	048° (053.1°)	7.2	left	A6100+	K205-	RNAV 1	
TF	LEOBE	no	N472149.28 E0150137.07	021° (024.6°)	5.2	left		K205-	RNAV 1	
TF	LIMRA	no	N475439.53 E0142652.02	319° (324.2°)	40.4	left	A10000+		RNAV 1	

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Aircraft unable to comply with the prescribed climb gradients shall inform ATC accordingly.

**Waypoint XZ602 is used as flyover for INLOX 1 F, KFT 1 F, VILAK 1 F, OBEDI 1 F and WIMMI 1 F. For LIMRA 1 F and GRZ 1 F XZ602 is used as flyby waypoint.**

Designator	Route	After Take-Off		Remarks
		Climb to ..initially	Expect FREQ	
<b>OBEDI 1 F</b> Obedi one foxtrot departure	Climb on track 076° to XZ601 - XZ602 - INLOX - OBEDI	By ATC	ZELTWEG RADAR 129.480 MHZ	Climb gradient at least 6.25 % (380 FT/NM) until passing XZ602 and 6100 FT MSL.

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**RNAV SID Coding Table of OBEDI 1 F**

Path Terminator	Waypoint			Course/ Track ° MAG (° True)	DIST NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
CF	XZ601	no	N471245.50 E0144956.18	076° (080.6°)				K205-	RNAV 1	
TF	XZ602	yes	N471706.91 E0145827.14	048° (053.1°)	7.2	left	A6100+	K205-	RNAV 1	
DF	INLOX	no	N471151.95 E0144521.40			left	A9000+	K205-	RNAV 1	
TF	OBEDI	no	N471940.43 E0131947.09	272° (277.1°)	58.8	right	A15000+		RNAV 1	

Designator	Route	After Take-Off		Remarks
		Climb to ..initially	Expect FREQ	
<b>VILAK 1 F</b> Vilak one foxtrot departure	Climb on track 076° to XZ601 - XZ602 - INLOX - VILAK	By ATC	ZELTWEG RADAR 129.480 MHZ	Climb gradient at least 6.25 % (380 FT/NM) until passing XZ602 and 6100 FT MSL. <b>Not useable if LO R 5 / LO D 24 is active 9500 FT MSL or above.</b>

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**RNAV SID Coding Table of VILAK 1 F**

Path Terminator	Waypoint			Course/ Track ° MAG (° True)	DIST NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
CF	XZ601	no	N471245.50 E0144956.18	076° (080.6°)				K205-	RNAV 1	
TF	XZ602	yes	N471706.91 E0145827.14	048° (053.1°)	7.2	left	A6100+	K205-	RNAV 1	
DF	INLOX	no	N471151.95 E0144521.40			left	A9000+	K205-	RNAV 1	
TF	VILAK	no	N464147.01 E0135452.72	225° (228.7°)	45.8		A11000+		RNAV 1	

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Aircraft unable to comply with the prescribed climb gradients shall inform ATC accordingly.

**Waypoint XZ602 is used as flyover for INLOX 1 F, KFT 1 F, VILAK 1 F, OBEDI 1 F and WIMMI 1 F. For LIMRA 1 F and GRZ 1 F XZ602 is used as flyby waypoint.**

Designator	Route	After Take-Off		Remarks
		Climb to ..initially	Expect FREQ	
<b>WIMMI 1 F</b> Wimmi one foxtrot departure	Climb on track 076° to XZ601 - XZ602 - WIMMI	By ATC	ZELTWEG RADAR 129.480 MHZ	Climb gradient at least 6.25 % (380 FT/NM) until passing XZ602 and 6100 FT MSL thereafter 4.8% (292 FT/NM) until passing WIMMI.
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**RNAV SID Coding Table of WIMMI 1 F**

Path Terminator	Waypoint			Course/ Track ° MAG (° True)	DIST NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
CF	XZ601	no	N471245.50 E0144956.18	076° (080.6°)				K205-	RNAV 1	
TF	XZ602	yes	N471706.91 E0145827.14	048° (053.1°)	7.2	left	A6100+	K205-	RNAV 1	
TF	WIMMI	no	N472456.00 E0143714.00	294° (298.3°)	16.4	left		K205-	RNAV 1	

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