



CHANGE: 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	
GRZ 1 F Graz one foxtrot departure	Climb on track 076° to XZ601 - XZ602 - MILGO - VOR/DME GRZ	By ATC	ZELTWEG RADAR 129.475 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	049° (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	
INLOX 1 F Inlox one foxtrot departure	Climb on track 076° to XZ601 - XZ602 - INLOX	By ATC	ZELTWEG RADAR 129.475 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 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	049° (053.1°)	7.2	left	A6100+	K205-	RNAV 1	
DF	INLOX	no	N471151.95 E0144521.40			left	A9000+	K205-	RNAV 1	

**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	
KFT 1 F Klagenfurt one foxtrot departure	Climb on track 076° to XZ601 - XZ602 - INLOX - VOR/DME KFT	By ATC	ZELTWEG RADAR 129.475 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 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	049° (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	

Designator	Route	After Take-Off		Remarks
		Climb to ..initially	Expect FREQ	
LIMRA 1 F Limra one foxtrot departure	Climb on track 076° to XZ601 - XZ602 - LEOBE - LIMRA	By ATC	ZELTWEG RADAR 129.475 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 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	049° (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	320° (324.2°)	40.4	left	A10000+		RNAV 1	

**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	
OBEDI 1 F Obedi one foxtrot departure	Climb on track 076° to XZ601 - XZ602 - INLOX - OBEDI	By ATC	ZELTWEG RADAR 129.475 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 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	049° (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	273° (277.1°)	58.8	right	A15000+		RNAV 1	

Designator	Route	After Take-Off		Remarks
		Climb to ..initially	Expect FREQ	
VILAK 1 F Vilak one foxtrot departure	Climb on track 076° to XZ601 - XZ602 - INLOX - VILAK	By ATC	ZELTWEG RADAR 129.475 MHZ	Climb gradient at least 6.25 % (380 FT/NM) until passing XZ602 and 6100 FT MSL. Not useable if LO R 5 / LO D 24 is active 9500 FT MSL or above.

Contact ZELTWEG RADAR when advised by Tower

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	049° (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	

**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	
WIMMI 1 F Wimmi one foxtrot departure	Climb on track 076° to XZ601 - XZ602 - WIMMI	By ATC	ZELTWEG RADAR 129.475 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.

Contact ZELTWEG RADAR when advised by Tower

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	049° (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	