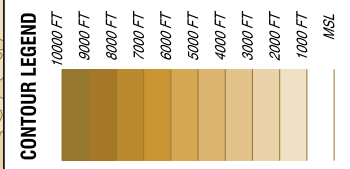
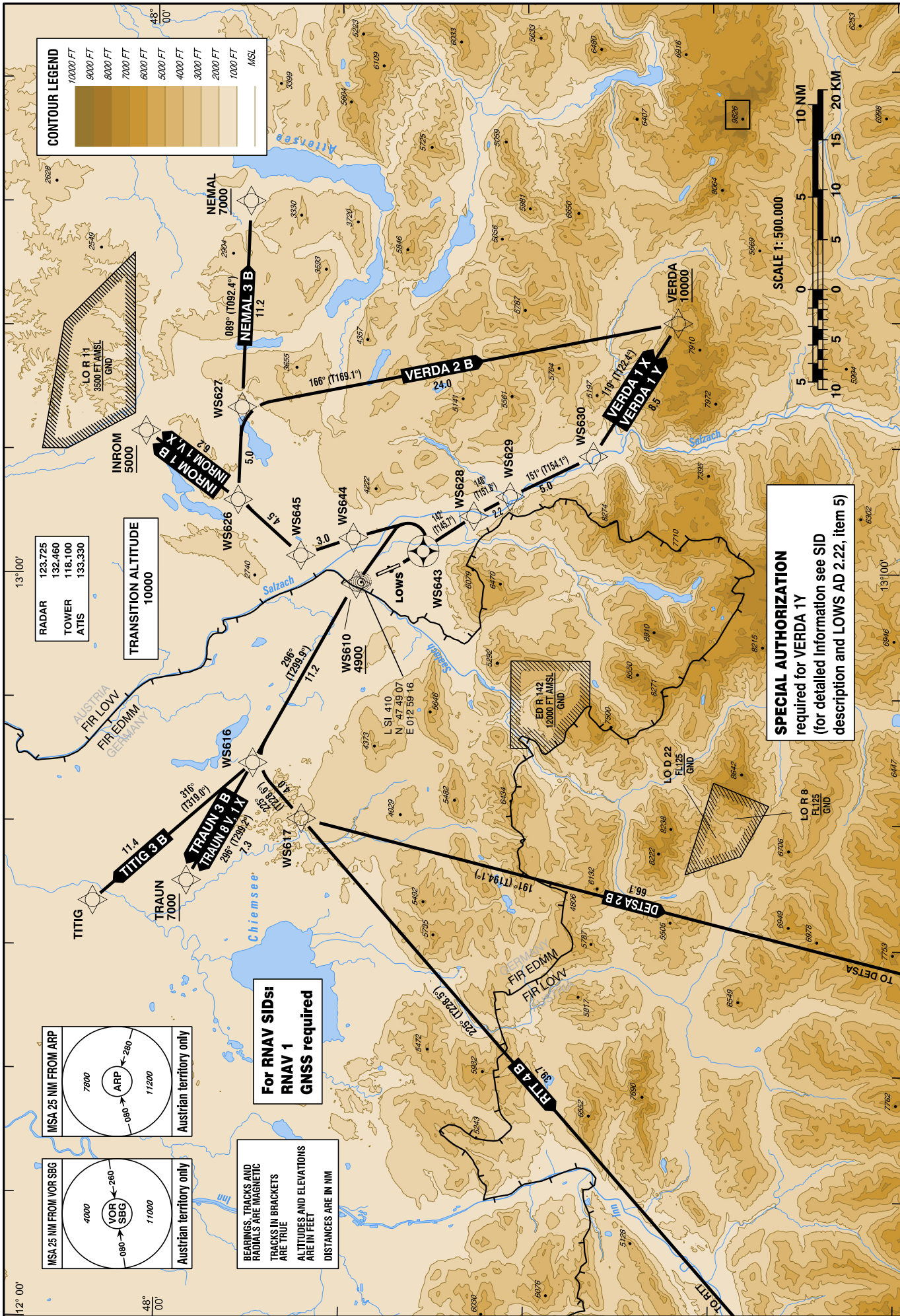


For Flight Simulation and non commercial use only!  
Courtesy of Austro Control GmbH

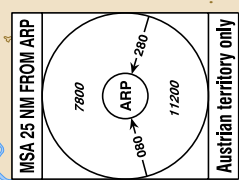


CHANGE: MSA ARP: EDITORIAL



RADAR 123.725  
TOWER 132.460  
ATIS 133.330

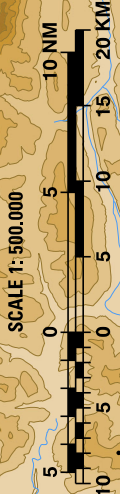
TRANSITION ALTITUDE 10000



**For RNAV SIDs  
RNAV 1  
GNSS required**

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

**SPECIAL AUTHORIZATION  
required for VERDA 1Y  
(for detailed Information see SID  
description and LOWS AD 2.22, item 5)**



During initial turn MAX IAS 165 KT and minimum bank angle 25°! Calculation of the SID's is based on an all - engines operative minimum net climb gradient of 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. For obstacles in the vicinity of the aerodrome see Aerodrome Obstacle Chart Type B. If radar vectoring is provided the climb gradient of the cleared SID shall be continued.

Designator	Route	After Take-Off		Remarks
		Climb to ..initially	Expect FREQ	
<b>DE TSA 2 B</b> Detsa two bravo departure	Climb on track 143° to WS643 - WS610 - WS616 - WS617 - DETSA	10000 FT MSL	SALZBURG RADAR 123.725 MHZ	Climb gradient at least 9.0% (550 FT/NM) until WS643, thereafter 6.2% (380 FT/NM) until WS610, thereafter 3.3% (205 FT/NM).

Contact SALZBURG RADAR when advised by Tower

**RNAV SID Coding Table of DETSA 2 B**

Path Terminator	Waypoint			Course/ Track ° MAG (° True)	DIST NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
CF	WS643	yes	N474546.28 E0130145.99	143° (146.9°)			A2160+		RNAV 1	
DF	WS610	no	N474923.04 E0125906.53			left	A4900+	K165-	RNAV 1	Minimum bank angle 25°!
TF	WS616	no	N475456.02 E0124443.86	296° (299.9°)	11.2	left			RNAV 1	
TF	WS617	no	N475217.26 E0124016.38	225° (228.6°)	4.0	left			RNAV 1	
TF	DE TSA	no	N464809.00 E0121652.00	191° (194.1°)	66.1	left	A15000+		RNAV 1	

Designator	Route	After Take-Off		Remarks
		Climb to ..initially	Expect FREQ	
<b>INROM 1 B</b> Inrom one bravo departure	Climb on track 143° to WS643 - WS644 - WS645 - INROM	6000 FT MSL	SALZBURG RADAR 123.725 MHZ	Climb gradient at least 9.0% (550 FT/NM) until WS643, thereafter 6.2% (380 FT/NM) until WS644, thereafter 3.3% (205 FT/NM).

Contact SALZBURG RADAR when advised by Tower

**RNAV SID Coding Table of INROM 1 B**

Path Terminator	Waypoint			Course/ Track ° MAG (° True)	DIST NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
CF	WS643	yes	N474546.28 E0130145.99	143° (146.9°)			A2160+		RNAV 1	
DF	WS644	no	N474933.16 E0130249.42			left	A4380+	K165-	RNAV 1	Minimum bank angle 25°!
TF	WS645	no	N475223.71 E0130124.43	338° (341.5°)	3.0				RNAV 1	
TF	INROM	no	N480046.19 E0131126.25	035° (038.8°)	10.8	right	A5000+		RNAV 1	

During initial turn MAX IAS 165 KT and minimum bank angle 25°! Calculation of the SID's is based on an all - engines operative minimum net climb gradient of 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. For obstacles in the vicinity of the aerodrome see Aerodrome Obstacle Chart Type B. If radar vectoring is provided the climb gradient of the cleared SID shall be continued.

Designator	Route	After Take-Off		Remarks
		Climb to ..initially	Expect FREQ	
<b>INROM 1 V</b> Inrom one victor departure	Climb on RWY track until passing D-2.0 OES, turn LEFT to L SI, intercept SI QDR 032 to INROM (D-12.0 SBG)	6000 FT MSL	SALZBURG RADAR 123.725 MHZ	Climb gradient at least 8.8% (535 FT/NM) until D-2.0 OES, thereafter 5.9% (360 FT/NM) until L SI, thereafter 3.3% (205 FT/NM). Cross L SI 4240 FT MSL or above. Cross INROM 5000 FT MSL or above. SID is usable for NON-RNAV equipped aircraft.
Contact SALZBURG RADAR when advised by Tower				

Designator	Route	After Take-Off		Remarks
		Climb to ..initially	Expect FREQ	
<b>INROM 1 X</b> Inrom one x-ray departure	Climb on track 143° to WS643 - WS644 - WS645 - INROM	6000 FT MSL	SALZBURG RADAR 123.725 MHZ	Minimum required flight visibility: Aircraft category A and B 2.8 KM Aircraft category C 3.7 KM Aircraft category D 4.6 KM Climb gradient at least 4.2% (260 FT/NM).
Contact SALZBURG RADAR when advised by Tower				

**RNAV SID Coding Table of INROM 1 X**

Path Terminator	Waypoint			Course/Track ° MAG (° True)	DIST NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
CF	WS643	yes	N474546.28 E0130145.99	143° (146.9°)					RNAV 1	Maintain visual until WS644.
DF	WS644	no	N474933.16 E0130249.42			left	A2800+	K165-	RNAV 1	Minimum bank angle 25°! Maintain visual until WS644.
TF	WS645	no	N475223.71 E0130124.43	338° (341.5°)	3.0				RNAV 1	
TF	INROM	no	N480046.19 E0131126.25	035° (038.8°)	10.8	right	A5000+		RNAV 1	

During initial turn MAX IAS 165 KT and minimum bank angle 25°! Calculation of the SID's is based on an all - engines operative minimum net climb gradient of 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. For obstacles in the vicinity of the aerodrome see Aerodrome Obstacle Chart Type B. If radar vectoring is provided the climb gradient of the cleared SID shall be continued.

Designator	Route	After Take-Off		Remarks
		Climb to ..initially	Expect FREQ	
<b>NEMAL 3 B</b> Nemal three bravo departure	Climb on track 143° to WS643 - WS644 - WS645 - WS626 - NEMAL	6000 FT MSL	SALZBURG RADAR 123.725 MHZ	Climb gradient at least 9.0% (550 FT/NM) until WS643, thereafter 6.2% (380 FT/NM) until WS644, thereafter 3.3% (205 FT/NM).

Contact SALZBURG RADAR when advised by Tower

**RNAV SID Coding Table of NEMAL 3 B**

Path Terminator	Waypoint			Course/ Track ° MAG (° True)	DIST NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
CF	WS643	yes	N474546.28 E0130145.99	143° (146.9°)			A2160+		RNAV 1	
DF	WS644	no	N474933.16 E0130249.42			left	A4380+	K165-	RNAV 1	Minimum bank angle 25°!
TF	WS645	no	N475223.71 E0130124.43	338° (341.5°)	3.0				RNAV 1	
TF	WS626	no	N475547.43 E0130552.91	038° (041.5°)	4.5	right			RNAV 1	
TF	NEMAL	no	N475505.00 E0132954.00	089° (092.4°)	16.2	right	A7000+		RNAV 1	

Designator	Route	After Take-Off		Remarks
		Climb to ..initially	Expect FREQ	
<b>RTT 4 B</b> Rattenberg four bravo departure	Climb on track 143° to WS643 - WS610 - WS616 - WS617- RTT	10000 FT MSL	SALZBURG RADAR 123.725 MHZ	Climb gradient at least 9.0% (550 FT/NM) until WS643, thereafter 6.2% (380 FT/NM) until WS610, thereafter 3.3% (205 FT/NM).

Contact SALZBURG RADAR when advised by Tower

**RNAV SID Coding Table of RTT 4 B**

Path Terminator	Waypoint			Course/ Track ° MAG (° True)	DIST NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
CF	WS643	yes	N474546.28 E0130145.99	143° (146.9°)			A2160+		RNAV 1	
DF	WS610	no	N474923.04 E0125906.53			left	A4900+	K165-	RNAV 1	Minimum bank angle 25°!
TF	WS616	no	N475456.02 E0124443.86	296° (299.9°)	11.2	left			RNAV 1	
TF	WS617	no	N475217.26 E0124016.38	225° (228.6°)	4.0	left			RNAV 1	
TF	RTT	no	N472551.32 E0115624.19	225° (228.5°)	39.8				RNAV 1	

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

**SALZBURG  
RWY 15**

During initial turn MAX IAS 165 KT and minimum bank angle 25°! Calculation of the SID's is based on an all - engines operative minimum net climb gradient of 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. For obstacles in the vicinity of the aerodrome see Aerodrome Obstacle Chart Type B. If radar vectoring is provided the climb gradient of the cleared SID shall be continued.

Designator	Route	After Take-Off		Remarks
		Climb to ..initially	Expect FREQ	
<b>TITIG 3 B</b> Titig three bravo departure	Climb on track 143° to WS643 - WS610 - WS616 - TITIG	6000 FT MSL	SALZBURG RADAR 123.725 MHZ	Climb gradient at least 9.0% (550 FT/NM) until WS643, thereafter 6.2% (380 FT/NM) until WS610, thereafter 3.3% (205 FT/NM).

Contact SALZBURG RADAR when advised by Tower

**RNAV SID Coding Table of TITIG 3 B**

Path Terminator	Waypoint			Course/ Track ° MAG (° True)	DIST NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
CF	WS643	yes	N474546.28 E0130145.99	143° (146.9°)			A2160+		RNAV 1	
DF	WS610	no	N474923.04 E0125906.53			left	A4900+	K165-	RNAV 1	Minimum bank angle 25°!
TF	WS616	no	N475456.02 E0124443.86	296° (299.9°)	11.2	left			RNAV 1	
TF	TITIG	no	N480331.56 E0123333.54	316° (319.0°)	11.4	right			RNAV 1	

Designator	Route	After Take-Off		Remarks
		Climb to ..initially	Expect FREQ	
<b>TRAUN 3 B</b> Traun three bravo departure	Climb on track 143° to WS643 - WS610 - TRAUN	8000 FT MSL	SALZBURG RADAR 123.725 MHZ	Climb gradient at least 9.0% (550 FT/NM) until WS643, thereafter 6.2% (380 FT/NM) until WS610, thereafter 3.3% (205 FT/NM).

Contact SALZBURG RADAR when advised by Tower

**RNAV SID Coding Table of TRAUN 3 B**

Path Terminator	Waypoint			Course/ Track ° MAG (° True)	DIST NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
CF	WS643	yes	N474546.28 E0130145.99	143° (146.9°)			A2160+		RNAV 1	
DF	WS610	no	N474923.04 E0125906.53			left	A4900+	K165-	RNAV 1	Minimum bank angle 25°!
TF	TRAUN	no	N475829.00 E0123514.77	296° (299.2°)	18.5		A7000+		RNAV 1	

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 Courtesy of Austro Control GmbH  
**VACC Austria**

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

**SALZBURG  
RWY 15**

During initial turn MAX IAS 165 KT and minimum bank angle 25°! Calculation of the SID's is based on an all - engines operative minimum net climb gradient of 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. For obstacles in the vicinity of the aerodrome see Aerodrome Obstacle Chart Type B. If radar vectoring is provided the climb gradient of the cleared SID shall be continued.

Designator	Route	After Take-Off		Remarks
		Climb to ..Initially	Expect FREQ	
<b>TRAUN 8 V</b> Traun eight victor departure	Climb on RWY track until passing D-2.0 OES, turn LEFT to L SI, intercept SI QDR 300 to intercept SBG R-259 to TRAUN (D-12.4 SBG)	8000 FT MSL	SALZBURG RADAR 123.725 MHZ	Climb gradient at least 8.8% (535 FT/NM) until D-2.0 OES, thereafter 5.9% (360 FT/NM) until L SI, thereafter 3.3% (205 FT/NM). Cross L SI 4240 FT MSL or above. Cross TRAUN 7000 FT MSL or above. SID is usable for NON-RNAV equipped aircraft.
Contact SALZBURG RADAR when advised by Tower				

Designator	Route	After Take-Off		Remarks
		Climb to ..Initially	Expect FREQ	
<b>TRAUN 1 X</b> Traun one x-ray departure	Climb on track 143° to WS643 - WS610 - TRAUN	8000 FT MSL	SALZBURG RADAR 123.725 MHZ	Minimum required flight visibility: Aircraft category A and B 2.8 KM Aircraft category C 3.7 KM Aircraft category D 4.6 KM Climb gradient at least 3.7% (230 FT/NM).
Contact SALZBURG RADAR when advised by Tower				

**RNAV SID Coding Table of TRAUN 1 X**

Path Terminator	Waypoint			Course/ Track ° MAG (° True)	DIST NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
CF	WS643	yes	N474546.28 E0130145.99	143° (146.9°)					RNAV 1	Maintain visual until WS610.
DF	WS610	no	N474923.04 E0125906.53			left	A2800+	K165-	RNAV 1	Minimum bank angle 25°! Maintain visual until WS610.
TF	TRAUN	no	N475829.00 E0123514.77	296° (299.2°)	18.5		A7000+		RNAV 1	

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

**SALZBURG  
RWY 15**

During initial turn MAX IAS 165 KT and minimum bank angle 25°! Calculation of the SID's is based on an all - engines operative minimum net climb gradient of 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. For obstacles in the vicinity of the aerodrome see Aerodrome Obstacle Chart Type B. If radar vectoring is provided the climb gradient of the cleared SID shall be continued.

Designator	Route	After Take-Off		Remarks
		Climb to ..initially	Expect FREQ	
<b>VERDA 2 B</b> Verda two bravo departure	Climb on track 143° to WS643 - WS644 - WS645 - WS626 - WS627 - VERDA	10000 FT MSL	SALZBURG RADAR 123.725 MHZ	Climb gradient at least 9.0% (550 FT/NM) until WS643, thereafter 6.2% (380 FT/NM) until WS644, thereafter 3.3% (205 FT/NM).

Contact SALZBURG RADAR when advised by Tower

**RNAV SID Coding Table of VERDA 2 B**

Path Terminator	Waypoint			Course/Track ° MAG (° True)	DIST NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
CF	WS643	yes	N474546.28 E0130145.99	143° (146.9°)			A2160+		RNAV 1	
DF	WS644	no	N474933.16 E0130249.42			left	A4380+	K165-	RNAV 1	Minimum bank angle 25°!
TF	WS645	no	N475223.71 E0130124.43	338° (341.5°)	3.0				RNAV 1	
TF	WS626	no	N475547.43 E0130552.91	038° (041.5°)	4.5	right			RNAV 1	
TF	WS627	no	N475534.85 E0131318.61	089° (092.4°)	5.0	right			RNAV 1	
TF	VERDA	no	N473200.00 E0132000.00	166° (169.1°)	24.0	right	A10000+		RNAV 1	

Designator	Route	After Take-Off		Remarks
		Climb to ..initially	Expect FREQ	
<b>VERDA 1 X</b> Verda one x-ray departure	Climb on track 142° (maintain visual) to WS628 - WS629 - WS630 - VERDA	10000 FT MSL	SALZBURG RADAR 123.725 MHZ	Minimum required flight visibility: Aircraft category A and B 2.8 KM Aircraft category C 3.7 KM Aircraft category D 4.6 KM Climb gradient at least 7,0% (425 FT/NM).

Contact SALZBURG RADAR when advised by Tower

**RNAV SID Coding Table of VERDA 1 X**

Path Terminator	Waypoint			Course/Track ° MAG (° True)	DIST NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
CF	WS628	no	N474302.48 E0130434.69	142° (145.7°)			A3400+		RNAV 1	Maintain visual until WS628 or 3500 FT MSL whichever comes earlier.
TF	WS629	no	N474104.90 E0130608.16	148° (151.8°)	2.2	right			RNAV 1	
TF	WS630	no	N473635.00 E0130922.00	151° (154.1°)	5.0	right			RNAV 1	
TF	VERDA	no	N473200.00 E0132000.00	119° (122.4°)	8.5	left	A10000+		RNAV 1	

**SPECIAL AUTHORIZATION REQUIRED** - This SID is permissible for special performance aircraft ONLY and requires authorization by Austro Control GmbH (for detailed information see LOWS AD 2.22, item 5.).



Designator	Route	After Take-Off		Remarks
		Climb to ..initially	Expect FREQ	
<b>VERDA 1 Y</b> Verda one yankee departure	Climb on track 142° to WS628 - WS629 - WS630 - VERDA	10000 FT MSL	SALZBURG RADAR 123.725 MHZ	Climb gradient at least 7,0% (425 FT/NM).

Contact SALZBURG RADAR when advised by Tower

**RNAV SID Coding Table of VERDA 1 Y**

Path Terminator	Waypoint			Course/Track ° MAG (° True)	DIST NM	Turn Direction	Constraints		RNP Value NM	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
CF	WS628	no	N474302.48 E0130434.69	142° (145.7°)			A3400+		0.3	
TF	WS629	no	N474104.90 E0130608.16	148° (151.8°)	2.2	right			0.3	
TF	WS630	no	N473635.00 E0130922.00	151° (154.1°)	5.0	right			0.3	
TF	VERDA	no	N473200.00 E0132000.00	119° (122.4°)	8.5	left	A10000+		0.3	

**RNAV Holding**

Holding Point	Inbound Track ° True	Inbound Track ° MAG	Turn Direction	MAX IAS	Minimum Holding Altitude FT MSL / FL	Time	DIST NM	Remarks
SBG	178.8°	175°	left		A4000	1 MIN		