

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.

Aircraft unable to comply with the prescribed climb gradients shall use departure route GRZ.

To expedite traffic, ATC may request aircraft to start the initial TURN with reference to terrain as soon as practical. In this case terrain clearance has to be assured by the pilot up to 3000 FT east of aerodrome / or 3500 FT west of aerodrome.

						After T	ake-Off			
Designator			Route			Climb to .initially	Expect FR	EQ R	Remarks	
ABIRI 5 U Abiri five unif departure	orm		ck 344° to 2000 F GRZ - WG608 - AB			Ву АТС		GRAZ RADAR 119.300 MHZ  Climb gradient at (310 FT/NM) until passing MSL, thereafter 4,4% (270		
	· ·		Co	ntact GRAZ F	RADAR w	R when advised by Tower				
	RNAV SID Coding Table of ABIRI 5 U									
Path		Waypoir	nt	Course/ Track	DIST	-	Constraints		Navigation	
Terminator	Identifier	Flyover	Coordinates	° MAG (° True)	NM		Level	Speed	Specification	Remarks
CA				344° (349.3°)			A2000		RNAV 1	
DF	VOR/DME GRZ	yes	N465719.32 E0152657.95			right	A4500+		RNAV 1	
DF	WG608	no	N465246.33 E0151532.21			right			RNAV 1	
TF	ABIRI	no	N464545.01 E0145803.26	235° (239.8)	13.9		A9000+		RNAV 1	

Designator			Route			Climb to initially	Expect FR		emarks	
ABIRI 3 V Abiri three victor departure  Climb on track 3 WG608 - ABIRI			344° to 3500 FT MSL -			GRAZ RAD 119.300 Mi	AR HZ CI (3	ATC DISCRETION ONLY  Climb gradient at least 5, (350 FT/NM) until passing 3500 FT MSL, thereafter 3,6% (220 FT/NM).		
			Со	ntact GRAZ R	ADAR w	hen advised	by Tower			
			R	NAV SID Co	oding T	able of AB	IRI 3 V			
Path		Waypoint		Course/ Track	DIST	Turn	Constraints		Navigation	
Terminator	Identifier	Flyover	Coordinates	° MAG (° True)	NM	Direction	Level	Speed	Specification	Remarks
CA				344° (349.3°)			A3500		RNAV 1	

13.9

left

right

A9000+

K265-

(349.3°)

235°

(239.8)

N465246.33

E0151532.21

N464545.01

E0145803.26

After Take-Off

AIRAC AMDT 243 / 25 MAR 2021

WG608

**ABIRI** 

no

no

DF

TF

RNAV 1

RNAV 1

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Aircraft unable to comply with the prescribed climb gradients shall use departure route GRZ.

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		After	Take-Off			
Designator	Route	Climb toinitially	Expect FREQ	Remarks		
<b>GBG 5 Y</b> Gleichenberg five yankee departure	RNAV: Climb on track 344° to 2000 FT MSL - GBG  Conventional: Climb on track 344 - when crossing 2000 FT MSL turn RIGHT immediately inbound to NDB GBG and enter the holding 5000 FT MSL or above	Ву АТС	GRAZ RADAR 119.300 MHZ	Climb gradient at least 5,1% (310 FT/NM) until passing 2000 FT MSL, thereafter 3,3% (205 FT/NM).		
·						

Contact GRAZ RADAR when advised by Tower

#### RNAV SID Coding Table of GBG 5 Y

Path		Waypoir	nt	Course/ Track	DIST	ST Turn	Constraints		Navigation	_	
Terminator	Identifier	Flyover	Coordinates	° MAG (° True)	° MAG NM		Level	Speed	Specification	Remarks	
CA				344° (349.3°)			A2000		RNAV 1		
DF	GBG	no	N465313.16 E0154801.15			right	A5000+		RNAV 1		

		After	Take-Off						
Designator	Route	Climb toinitially	Expect FREQ	Remarks					
GOLVA 4 U Golva four uniform departure	Climb on track 344° to 2000 FT MSL - GOLVA	Ву АТС	GRAZ RADAR 119.300 MHZ	Climb gradient at least 5,1 (310 FT/NM).	%				
Contact GRAZ RADAR when advised by Tower									

## RNAV SID Coding Table of GOLVA 4 U

Path		Waypoin	t	Course/ Track			Constraints		Navigation	l _     .
Terminator	Identifier	Flyover	Coordinates	° MAG (° True)	NM	Direction	Level	Speed	Specification	Remarks
CA				344° (349.3°)			A2000		RNAV 1	
DF	GOLVA	no	N464231.57 E0153908.54			right	A6000+		RNAV 1	

		After	Take-Off			
Designator	Route	Route Climb toinitially Expect FRE		Remarks		
GOTAR 5 U Gotar five uniform departure	Climb on track 344° to 2000 FT MSL - GOTAR	Ву АТС	GRAZ RADAR 119.300 MHZ	Climb gradient at least 5,1% (310 FT/NM) until passing 2000 FT MSL, thereafter 4,4% (270 FT/NM).		

Contact GRAZ RADAR when advised by Tower

# **RNAV SID Coding Table of GOTAR 5 U**

Path		Waypoin	it	Course/ Track	DIST	Turn	Constraints		Navigation	_
Terminator	Identifier	Flyover	Coordinates	° MAG (° True)	NM	Direction	Level	Speed	Specification	Remarks
CA				344° (349.3°)			A2000		RNAV 1	
DF	GOTAR	no	N465952.37 E0161329.15			right	A7000+		RNAV 1	

LOWG AD 2 MAP 9-2B AIRAC AMDT 243 / 25 MAR 2021 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.

Aircraft unable to comply with the prescribed climb gradients shall use departure route GRZ.

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		After	Take-Off					
Designator	Route	Climb toinitially	Expect FREQ	Remarks				
GRZ 4 Y Graz four yankee departure	Climb on track 344 - when crossing 2000 FT MSL turn RIGHT immediately inbound to VOR/DME GRZ and enter the holding 4000 FT MSL or above; climb in the holding pattern and leave VOR/DME GRZ at an altitude sufficient to reach the indicated MFA on ATS-route concerned at the TMA border	By ATC	GRAZ RADAR 119.300 MHZ	Climb gradient at least 4,3% (265 FT/NM) until passing 2000 FT MSL. Turn limited to MAX IAS 220 KT.  Only available for NON-RNAV equipped aircraft.				
Contact GRAZ RADAR when advised by Tower								

						After T	Take-Off		Remarks		
Designator			Route			Climb to initially	Expect FR	EQ R			
MILGO 5 L Milgo five un departure		m Climb on track 344° to 3500 FT MSL - MILGO				Ву АТС	GRAZ RAD 119.300 MI	AR   (3	imb gradient 80 FT/NM) unt SL.	at least 6,2% il passing 10000 FT	
			Co	ontact GRAZ F	RADAR w	vhen advised l	by Tower				
			RI	NAV SID Co	oding T	able of MIL	.GO 5 U				
Path		Waypoint Course/		DIST	Turn	Constr	aints	Navigation			
Terminator	Identifier	Flyover	Coordinates	° MAG (° True)	NM	Direction	Level Spe		Specification	Remarks	
	I		l	2449	l	1	1	1	1		

(349.3°)

N471806.16 E0150529.94 A3500

A10000+

left

RNAV 1

RNAV 1

AIRAC AMDT 274 / 7 SEP 2023

MILGO

no

CA

DF

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						After T	ake-Off					
Designator			Route			Climb to initially	Expect FR	EQ Re	Remarks			
MUREG 4 Mureg four u departure	-	Climb on trad	ck 344° to 2000 F	T MSL -		Ву АТС	GRAZ RAD 119.300 Mi		imb gradient 10 FT/NM).	at	least	5,1%
	Contact GRAZ RADAR when advised by Tower											
			RN	AV SID Co	ding Ta	ble of MUR	REG 4 U					
Path		Waypoir	nt	Course/ Track	DIST	Turn	Constraints		Navigation			
Terminator	Identifier	Flyover	Coordinates	° MAG (° True)	NM	Direction	Level	Speed	Specification	Rema	arks	
CA				344° (349.3°)			A2000		RNAV 1			
DF	MUREG	no	N464224.25 E0154828.98			right	A5000+		RNAV 1			

		After 1	Take-Off			
Designator	Route		Expect FREQ	Remarks		
RADLY 6 U Radly six uniform departure	Climb on track 344° to 2000 FT MSL - VOR/DME GRZ - RADLY	By ATC	GRAZ RADAR 119.300 MHZ	Climb gradient at least 5,1% (310 FT/NM) until passing 4500 FT MSL, thereafter 3,3% (205 FT/NM).		

Contact GRAZ RADAR when advised by Tower

### RNAV SID Coding Table of RADLY 6 U

Path Terminator	Waypoint			Course/ Track [	DIST Turn	Constraints		Navigation	Dde	
	Identifier	Flyover	Coordinates	° MAG (° True)	NM	Direction	Level	Speed	Specification	Remarks
CA				344° (349.3°)			A2000		RNAV 1	
DF	VOR/DME GRZ	yes	N465719.32 E0152657.95			right	A4500+		RNAV 1	
DF	RADLY	no	N463848.69 E0151233.03				A8500+		RNAV 1	

		After -	Take-Off		
Designator	Route	Climb toinitially	Expect FREQ	Remarks	
RADLY 4 V Radly four victor departure	Climb on track 344° to 3500 FT MSL - WG608 - RADLY	Ву АТС	GRAZ RADAR 119.300 MHZ	ATC DISCRETION ONLY  Climb gradient at least 5,7% (350 FT/NM) until passing 3500 FT MSL, thereafter 3,3% (205 FT/NM).	

Contact GRAZ RADAR when advised by Tower

# RNAV SID Coding Table of RADLY 4 V

Path	Waypoint			Course/ Track	DIST	Turn	Constraints		Navigation	
Terminator	Identifier	Flyover	Coordinates	° MAG (° True)	MAG NM Direction Level		Level	Speed	Specification	Remarks
CA				344° (349.3°)			A3500		RNAV 1	
DF	WG608	no	N465246.33 E0151532.21			left			RNAV 1	
TF	RADLY	no	N463848.69 E0151233.03	183° (188.4°)	14.1		A8500+		RNAV 1	

LOWG AD 2 MAP 9-2D AIRAC AMDT 243 / 25 MAR 2021

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							After 7	Take-Off				
	Designator		Route				Climb to initially	Expect FREQ		Remarks		
l	ROPAG 4 U Ropag four uniform departure		Climb on track 344° to 2700 FT MSL - WG602 - ROPAG			Ву АТС	GRAZ RADAR 119.300 MHZ		Climb gradient at least 6,2% (380 FT/NM).			
	Contact GRAZ RADAR when advis						hen advised	d by Tower				
	RNAV SID Coding Table of ROPAG 4 U											
	Path		Waypoint			DIST T	Turn	Constraints		Navigation		
	Terminator	Identifier	Flyover	Coordinates	Track			Level	Speed	Specification	Remarks	
	CA				344° (349.3°)			A2700		RNAV 1		
-	DF	WG602	yes	N470705.25 E0153354.07			right	A5500+	K205-	RNAV 1		
	DF	ROPAG	no	N471249.04 E0154757.72				A8000+		RNAV 1		

RNAV Holding										
Holding Point	Inbound Track ° True	Inbound Track ° MAG	Turn Direction	MAX IAS	Minimum Holding Altitude FT MSL / FL	Time	DIST NM	Remarks		
GBG	200.3°	195°	left		A5000	1 MIN				