Trip Kit Index
Printed on 22 Oct 2024
Page 1
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List of pages in this Trip Kit

Trip Kit Index Airport Information For LOWK Terminal Charts For LOWK Notebook

Airport Information For LOWK Printed on 22 Oct 2024 Page 1

JEPPESEN JeppView for Windows

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General Information

Location: KLAGENFURT AUT ICAO/IATA: LOWK / KLU Lat/Long: N46° 38.6', E014° 20.2'

Elevation: 1472 ft

Airport Use: Public Daylight Savings: Observed UTC Conversion: -1:00 = UTC Magnetic Variation: 4.0° E

Fuel Types: 100 Octane (LL), Jet A-1 Repair Types: Minor Airframe, Minor Engine Customs: Yes

Airport Type: IFR Landing Fee: Yes Control Tower: Yes Jet Start Unit: No LLWS Alert: No Beacon: No

Sunrise: 0531 Z Sunset: 1603 Z

Runway Information

Runway: 10L Length x Width: 8924 ft x 148 ft

Surface Type: bitu TDZ-Elev: 1470 ft

Lighting: Edge, ALS, Centerline Displaced Threshold: 656 ft

Runway: 28R Length x Width: 8924 ft x 148 ft

Surface Type: bitu TDZ-Elev: 1444 ft

Lighting: Edge, ALS, Centerline, TDZ

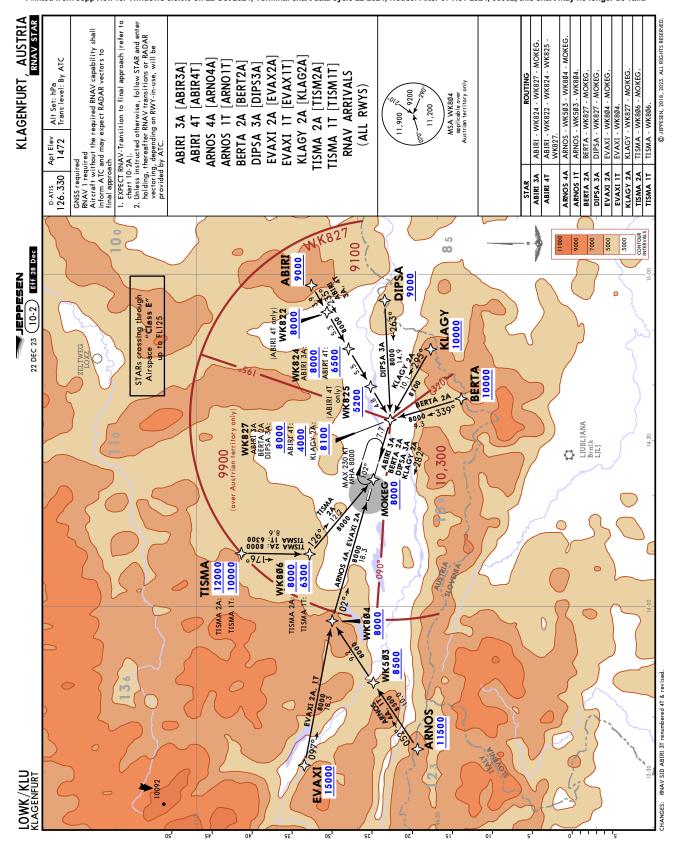
Communication Information

ATIS: 126.330

Klagenfurt Tower: 118.100 Klagenfurt Radar: 123.325

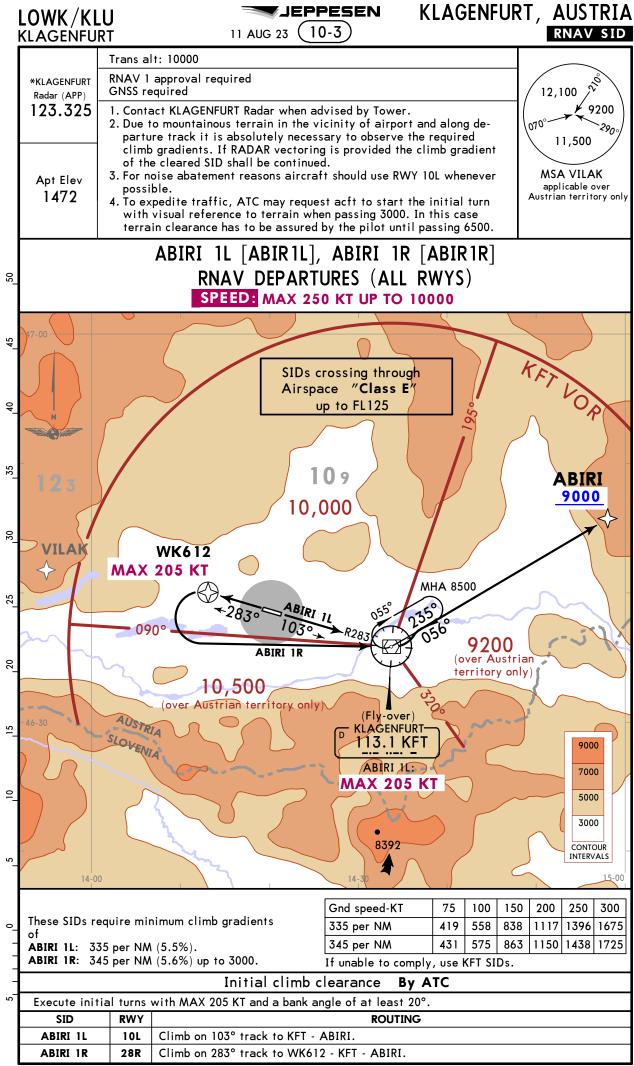
KLAGENFURT, AUSTRIA LOWK/KLU KLAGENFURT **JEPPESEN** 1 OCT 21 (10-1R) Eff 7 Oct RADAR MINIMUM ALTITUDES Alt Set:hPa Trans level: By ATC Trans alt: 10000 1. Minimum altitudes applicable for RADAR controlled aircraft *KLAGENFURT within controlled airspace. Values in brackets refer to minimum altitudes in uncontrolled airspace providing adequate obstacle Apt Elev $\mathsf{Radar}\ (\mathsf{APP})$ 1472' 123.325 clearance. 2. This chart may only be used for cross-checking of assigned altitudes while under RADAR control. 3000 O 5500 O 6700 3500 4500 5000 0 D30 0006 6700 8000 DWE DWE 5900 6500 8800 8800 6500 0096 8600 20 8000 0 8500 4 \subseteq 10500 10000 6300 30 8700 20 11500 2 VIENNA LOVV FIR 1500 14500 14500 (10500) CONTOUR ₽ 3000 5000

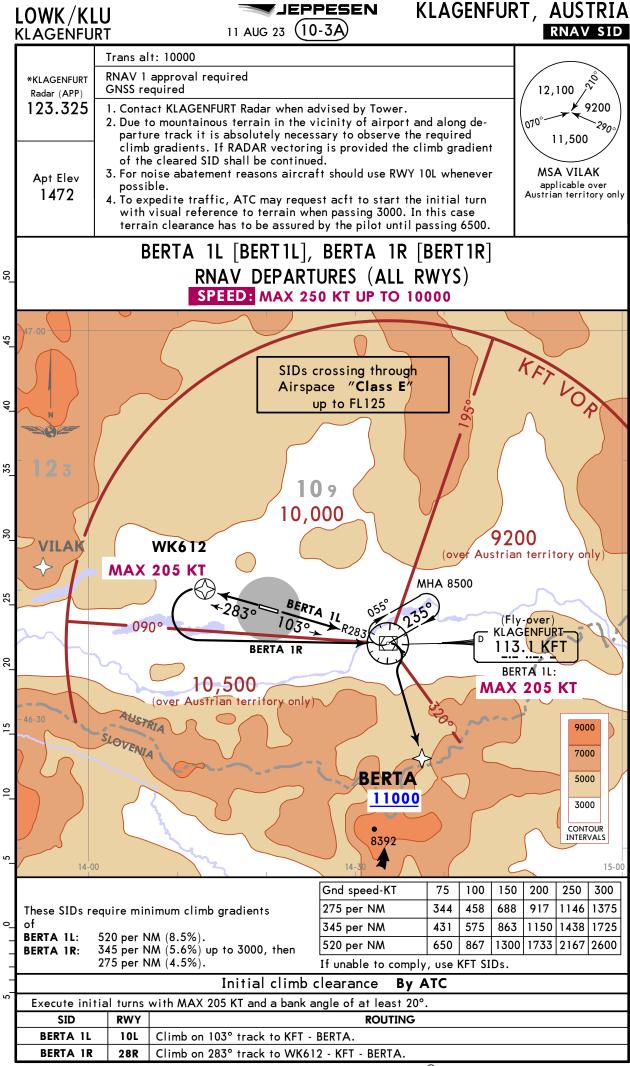
CHANGES: RADAR frequency

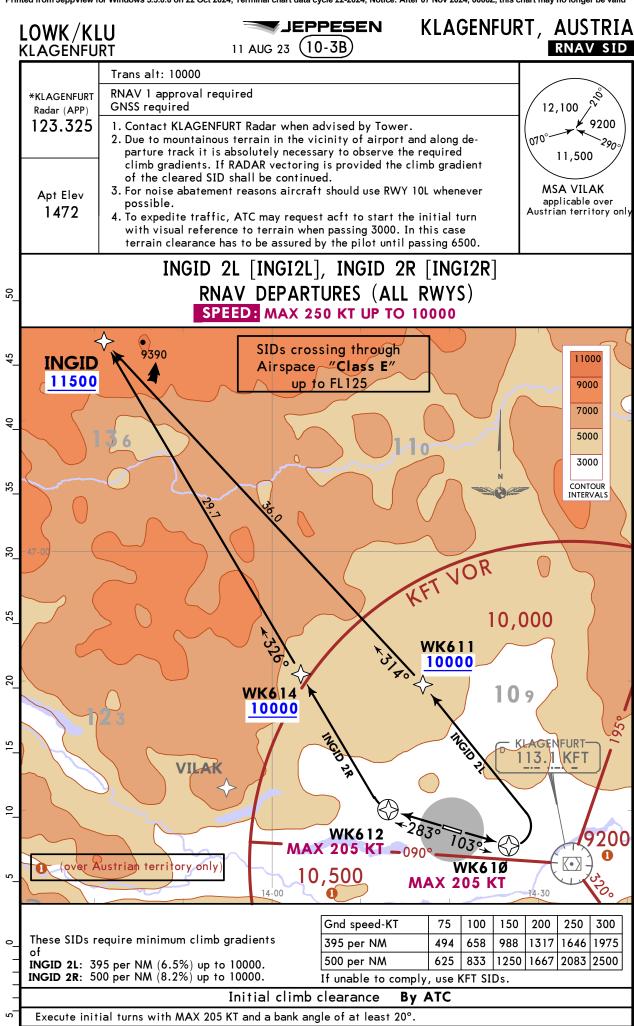


JEPPESEN KLAGENFURT, AUSTRIA LOWK/KLU (10-2A) Eff 28 Dec RNAV TRANSITION 22 DEC 23 **KLAGENFURT** Trans level: By ATC Alt Set: hPa RNAV 1 required D-ATIS Apt Elev GNSS required 1472 126.330 1. After direct clearance to a waypoint intercept and follow transition. 2. If unable to follow transition advise ATC IMMEDIATELY. MOKEG 2E [MOK2E] MOKEG 1W [MOK1W] RNAV TRANSITIONS (ALL RWYS) TRANSITIONs crossing through 7000 Airspace "Class E" 5000 up to F<u>L125</u> (IAF) WK8Ø6 3000 **MAX 185 KT** CONTOUR INTERVALS 20 6300 109 WK83Ø 7000 WK831 MOKEG 2E **MAX 185 KT** 10,500 **5500 MSA MOKEG** 9000 0 (over Austrian territory only) MHA 8000 (IAF) WK827 MOKEG 28₂ 4000 8000 070° **WK832** 11,200 4000 (over Austrian territory only) LOST COMMS LOST COMMS LOST COMMS LOST COMMS LOST COMMS LOST COMMS Flights able to perform RNAV transition: - If RWY in use is known: Proceed at the last cleared level to MOKEG and enter the holding, descend to 8000, proceed according RNAV transition to the relevant IAP of the runway in use. While performing the RNAV transition, descend to the minimum descent altitudes in accordance with the vertical description of the RNAV transition, perform IAP and land on the runway in use - If the runway in use is NOT known proceed according WX forecast or actual WX report: In case of calm winds or winds from WEST, SOUTH, SOUTHWEST, NORTH and NORTHWEST, proceed at the last cleared level to MOKEG and enter the holding, descend to 8000, proceed according RNAV transition to the relevant IAP of RWY 28. While performing the RNAV transition, descend to the minimum descent altitudes in accordance with the vertical description of the RNAV transition, perform IAP to RWY 28 and land on RWY 28R. In case of winds from EAST, SOUTHEAST and NORTHEAST, proceed at the last cleared level to MOKEG and enter the holding, descend to 8000, proceed according RNAV transition to the relevant IAP of RWY 10. While performing the RNAV transition, descend to the minimum descent altitudes in accordance with the vertical description of the RNAV transition, perform IAP to RWY 10 and land on RWY 10L. Flights unable to perform RNAV transition: Proceed at the last cleared level to 374 KFT NDB and enter the holding, descend to 8500, perform IAP (NDB RWY 28R) and land on RWY 28R. If wind conditions do require, perform a circling approach to RWY 10L and land on RWY 10L. LOST COMMS TRANSITION RWY **ROUTING MOKEG 2E** MOKEG - WK83Ø - WK831 - WK832 - WK827. 28R MOKEG - WK83Ø - WK8Ø6. **MOKEG 1W** 10L

CHANGES: None.







SID

INGID 2L

RWY

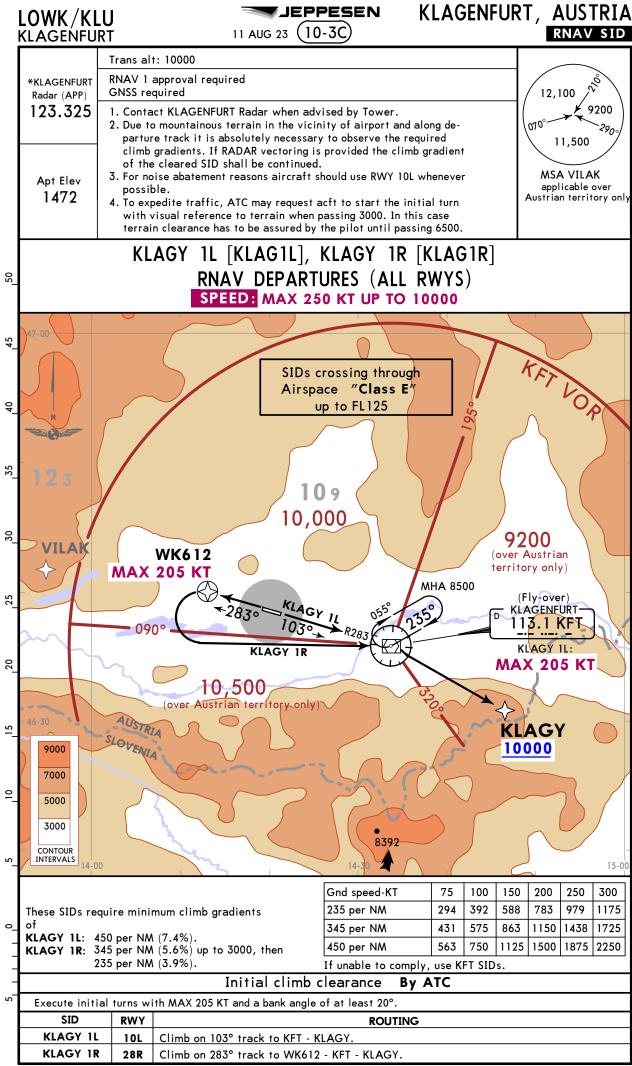
10L

28R

ROUTING

Climb on 103° track to WK61Ø - WK611 - INGID.

Climb on 283° track to WK612 - WK614 - INGID.



LOWK/KLU **KLAGENFURT**

JEPPESEN (10-3D) Eff 7 Oct 1 OCT 21

KLAGENFURT, AUSTRIA

*KLAGENFURT Radar (APP) 123.325

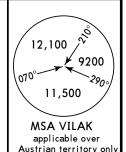
Apt Elev

1472

50

Trans alt: 10000

- 1. RNAV 1 approval required.
- 2. GNSS required.
- 3. Contact KLAGENFURT Radar when advised by Tower.
- 4. Due to mountainous terrain in the vicinity of airport and along departure track it is absolutely necessary to observe the required climb gradients. If RADAR vectoring is provided the climb gradient of the cleared SID shall be continued.
- 5. For noise abatement reasons aircraft should use RWY 10L whenever possible.
- 6. To expedite traffic, ATC may request acft to start the initial turn with visual reference to terrain when passing 3000. In this case terrain clearance has to be assured by the pilot until passing 6500.



REKTI 1L [RETI1L], REKTI 1R [REKT1R] RNAV DEPARTURES **SPEED: MAX 250 KT UP TO 10000**

45 SIDs crossing through Airspace "Class E" up to FL125 4 10,000 35 10 s **WK612** REKTI 1L: 8000 9200 ILAK **REKTI 1R:** (over Austrian territory only) **MAX 205 KT** REKTI 1L 25 1035 KLAGENFURT 113.1 KF $\langle \bullet \rangle$ WK61Ø **MAX 205 KT** REKT 11000 AUSTRIA 500 15 SLOVENIA 9000 Austrian territory only) 7000 5000 9 3000 CONTOUR 15-00

These SIDs require minimum climb gradients

395 per NM (6.5%) up to 3000, then 305 per NM (5.0%). **REKTI 1L:**

REKTI 1R: 515 per NM (8.4%).

Gnd speed-KT	75	100	150	200	250	300
305 per NM	381	508	763	1017	1271	1525
395 per NM	494	658	988	1317	1646	1975
515 per NM 644 858 1288 1717 2146 2575						
If unable to comply, use KFT SIDs.						

Initial climb clearance **Bv ATC**

Execute initial turns with MAX 205 KT and a bank angle of at least 20°

Excepte Hittal Totals With Mix 200 KT and a bank angle of all least 20.					
SID	RWY ROUTING				
REKTI 1L	10L	Climb on 103° track to WK61Ø - WK612 - REKTI.			
REKTI 1R	28R	Climb on 283° track to WK612 - REKTI.			

LOWK/KLU KLAGENFURT KLAGENFURT, AUSTRIA

RNAV SID

*KLAGENFURT Radar (APP) 123.325

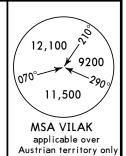
Apt Elev

1472

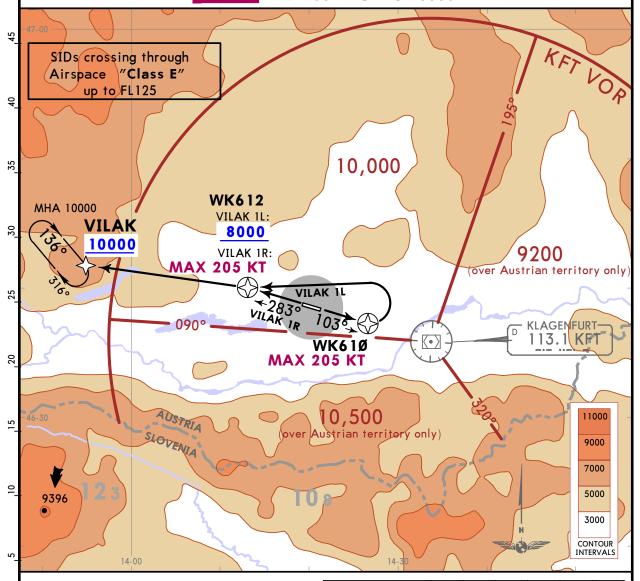
20

Trans alt: 10000

- 1. RNAV 1 approval required.
- 2. GNSS required.
- 3. Contact KLAGENFURT Radar when advised by Tower.
- 4. Due to mountainous terrain in the vicinity of airport and along departure track it is absolutely necessary to observe the required climb gradients. If RADAR vectoring is provided the climb gradient of the cleared SID shall be continued.
- For noise abatement reasons aircraft should use RWY 10L whenever possible.
- To expedite traffic, ATC may request acft to start the initial turn with visual reference to terrain when passing 3000. In this case terrain clearance has to be assured by the pilot until passing 6500.



VILAK 1L [VILA1L], VILAK 1R [VILA1R] RNAV DEPARTURES SPEED: MAX 250 KT UP TO 10000



These SIDs require minimum climb gradients

VILAK 1L: 395 per NM (6.5%) up to 3000, then

305 per NM (5.0%).

VILAK 1R: 500 per NM (8.2%).

Gnd speed-KT	75	100	150	200	250	300
305 per NM	381	508	763	1017	1271	1525
395 per NM	494	658	988	1317	1646	1975
500 per NM	625	833	1250	1667	2083	2500
If unable to comply, use KFT SIDs.						

Initial climb clearance By ATC

Execute initial turns with MAX 205 KT and a bank angle of at least 20°.

Execute IIII II	Execute Hirrar Torns with MAX 205 KT and a bank drigte of all least 25.					
SID	RWY	ROUTING				
VILAK 1L	10L	Climb on 103° track to WK61Ø - WK612 - VILAK.				
VILAK 1R	28R	Climb on 283° track to WK612 - VILAK.				

LOWK/KLU **KLAGENFURT**

JEPPESEN (10-3F) Eff 7 Oct 1 OCT 21

KLAGENFURT, AUSTRIA

*KLAGENFURT Radar (APP) 123.325

Apt Elev

1472

20

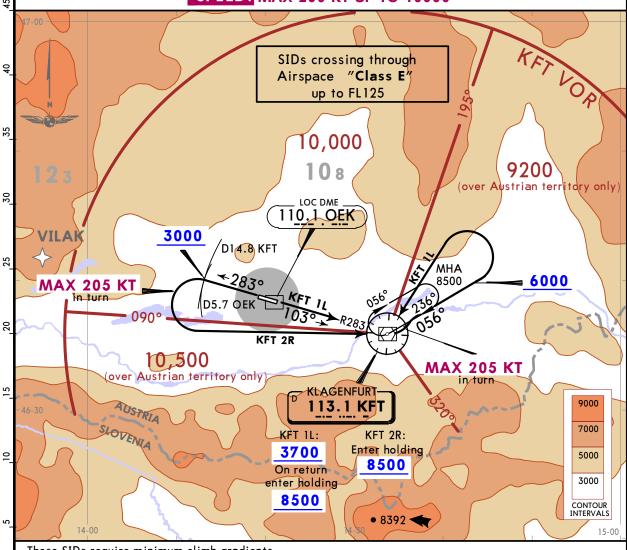
- 1. Contact KLAGENFURT Radar when advised by Tower.
- 2. Due to mountainous terrain in the vicinity of airport and along departure track it is absolutely necessary to observe the required climb gradients. If RADAR vectoring is provided the climb gradient of the cleared SID shall be continued.
- 3. For noise abatement reasons aircraft should use RWY 10L whenever possible.
- 4. To expedite traffic, ATC may request acft to start the initial turn with visual reference to terrain when passing 3000. In this case terrain clearance has to be assured by the pilot until passing 6500.



KLAGENFURT 1L (KFT 1L) KLAGENFURT 2R (KFT 2R) **DEPARTURES**

ONLY AVAILABLE FOR NON-RNAV EQUIPPED AIRCRAFT AND IFR TRAINING FLIGHTS

SPEED: MAX 250 KT UP TO 10000



These SIDs require minimum climb gradients

KFT 1L: 245 per NM (4%) up to 8500. **KFT 2R**: 335 per NM (5.5%) up to 3000, then

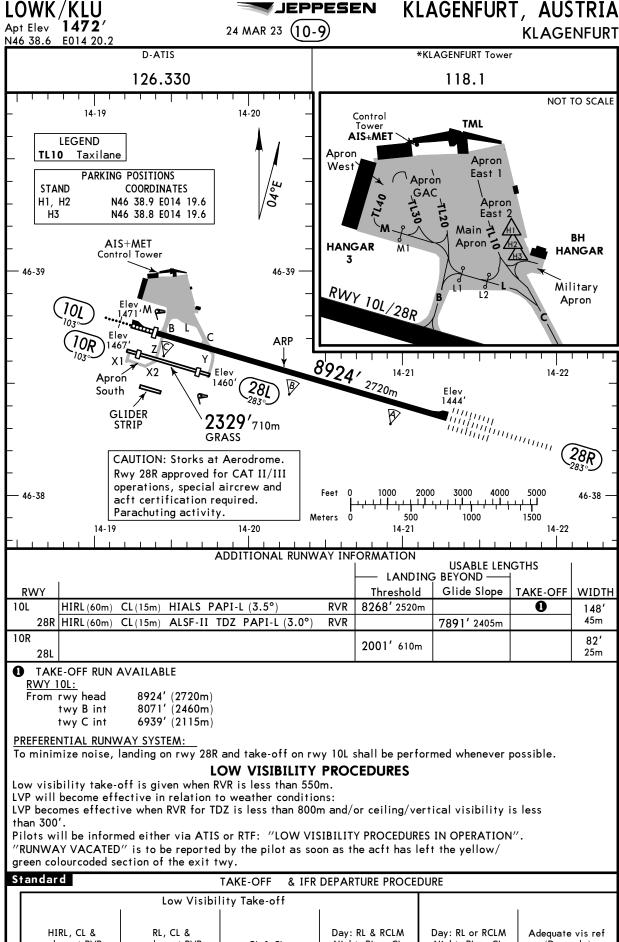
245 per NM (4%).

Gnd speed-KT	75	100	150	200	250	300
245 per NM	306	408	613	817	1021	1225
335 per NM	419	558	838	1117	1396	1675

Initial climb clearance By ATC

Execute initial turns with MAX 205 KT and a bank angle of at least 20°

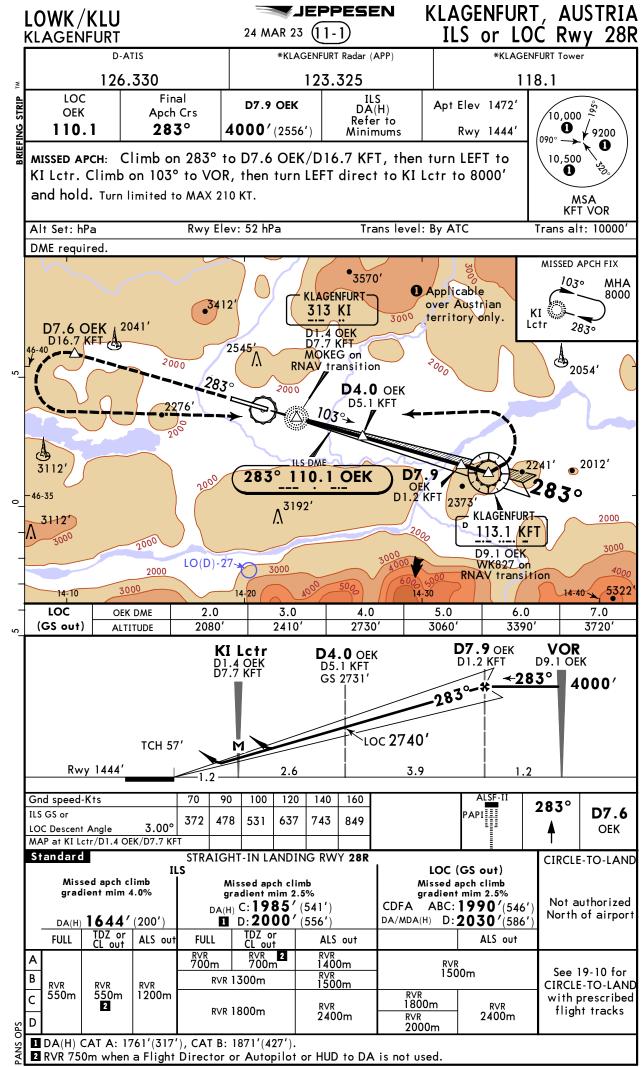
T.	Execute IIII IIa	Execute IIII I I I I I I I I I I I I I I I I				
SID RWY ROUTING						
	KFT 1L	10L	Climb on 103° track to KFT, turn LEFT, intercept KFT R056 to 6000, turn LEFT to KFT and enter holding at or above 8500.			
	KFT 2R	28R	Climb on 283° track to D5.7 OEK/ D14.8 KFT, turn LEFT to KFT and enter holding at or above 8500.			

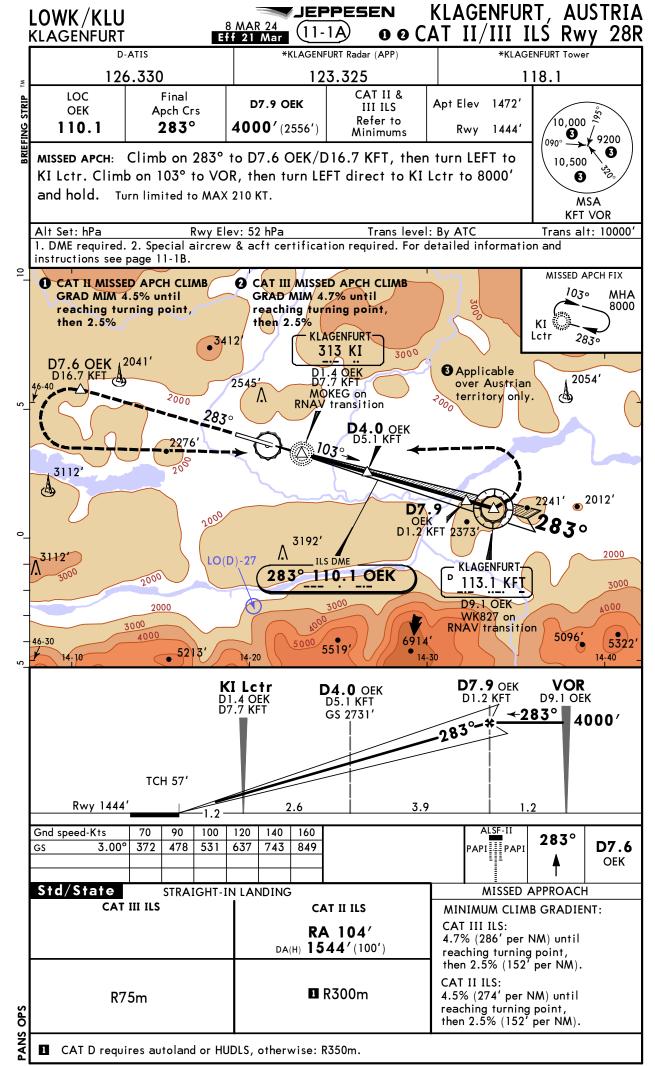


2	rangarg	DURE				
		Low Visibi		1		
	HIRL, CL & relevant RVR	RL, CL & relevant RVR	RL & CL	Day: RL & RCLM Night: RL or CL	Day: RL or RCLM Night: RL or CL	Adequate vis ref (Day only)
А В С D	TDZ, MID, RO RVR 125m	TDZ, MID, RO RVR 150m	r∨r 200m	r∨r 300m	400m	500m

IFR DEPARTURE PROCEDURE

A careful calculation of the take-off parameters and the aircraft climb gradient is essential. In no case enter a holding pattern below the published minimum holding altitude.





LOWK/KLU

CAT II/III ILS PROCEDURE RWY 28R GUIDELINES

1. Purpose and Scope

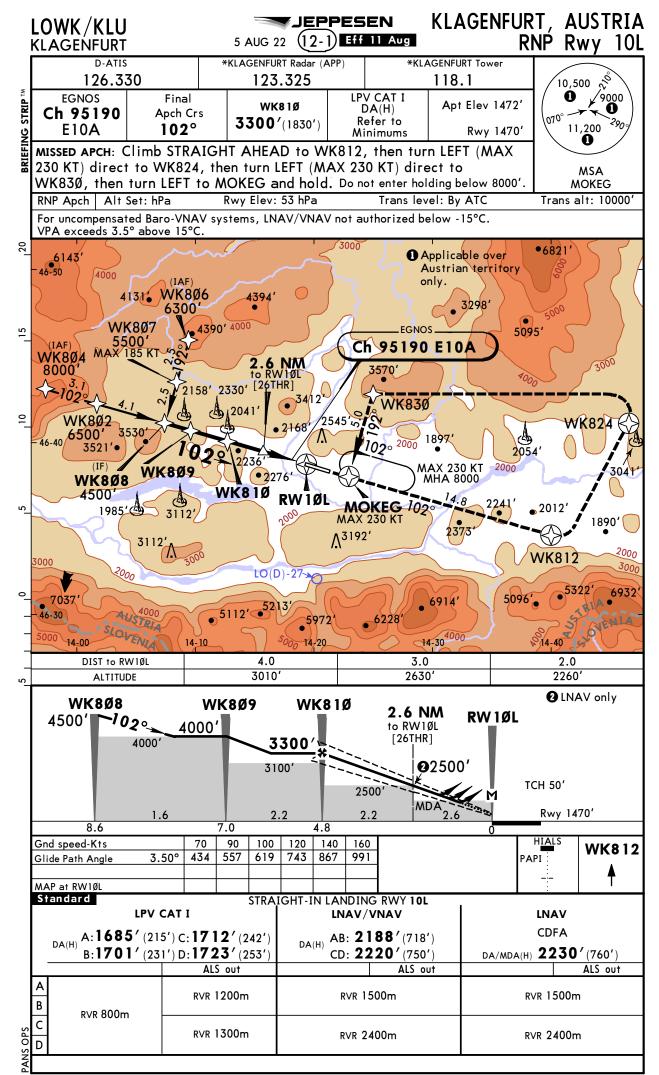
As this CAT II/III ILS DME approach procedure contains a NON-ICAO STANDARD missed approach (higher than normal missed approach climb gradient), detailed familiarization of the flight crew is required. Special authorization by Austro Control GmbH is no longer necessary. The corresponding documentation about landing mass limitations due to required performance limitations for the corresponding aircraft type need to be carried on board in a form which allows simple use.

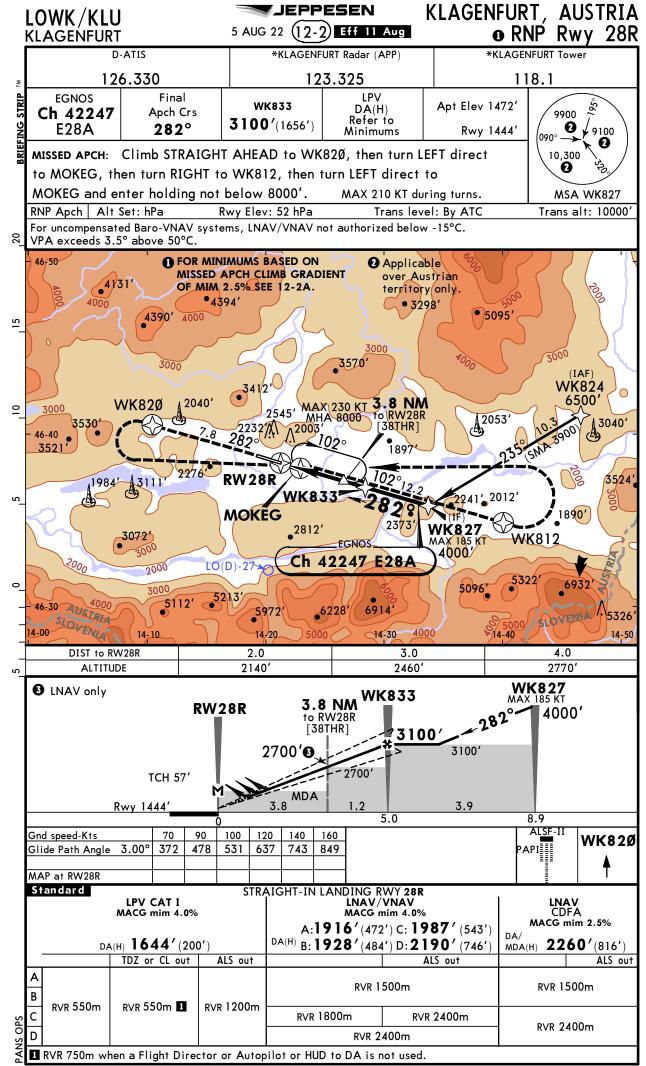
2. Missed Approach Requirements

It is necessary to achieve the following straight climb gradients (until reaching the turning point (TP)) with respect to the applicable DH. After the TP the standard missed approach climb gradient of 2.5% is required.

DH	Missed apch climb one engine out
50'	4.7%
100'	4.5%
120'	4.4%
140'	4.3%
160'	4.2%

The required climb gradient shall be achieved with all engines operating or one engine inoperative in approach climb configuration at the pressure altitude of 2500' and for the actual OAT, with Anti-Ice ON corrections to be considered according to the applicable AFM.





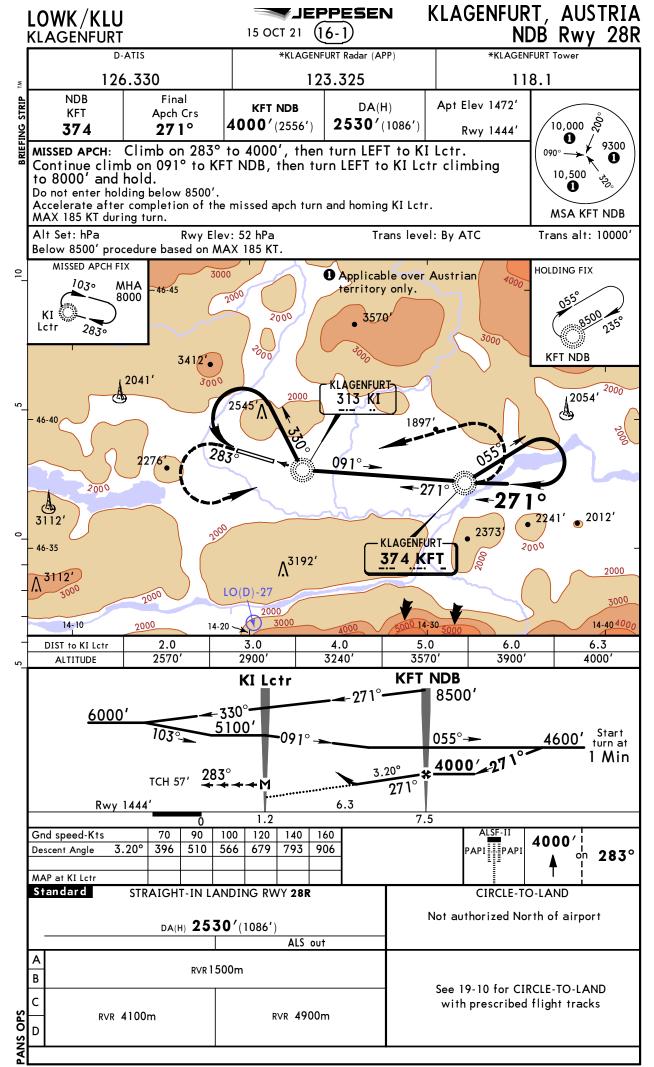
RNP Rwy 28R MINIMUMS BASED ON:

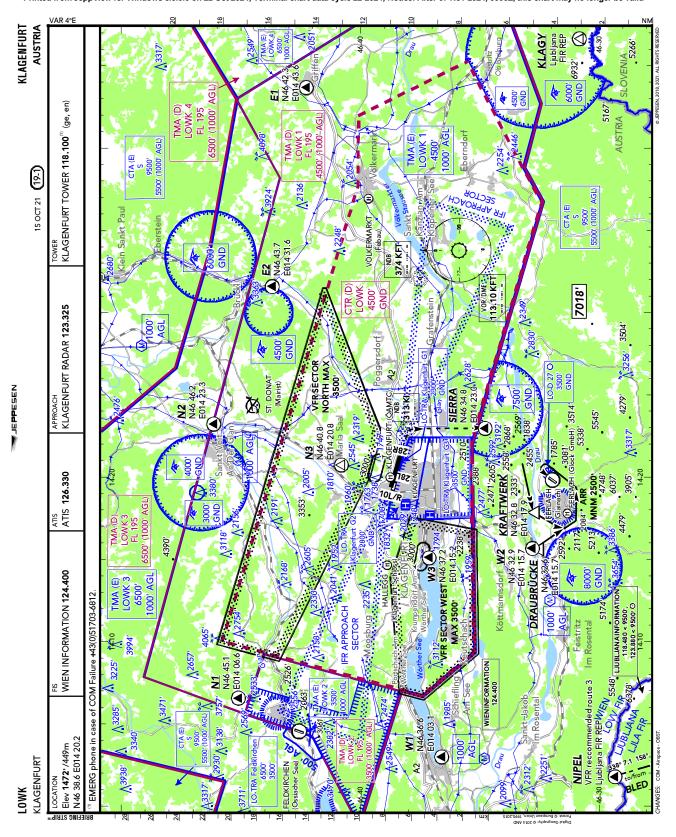
MISSED APCH CLIMB GRADIENT MIM 2.5%

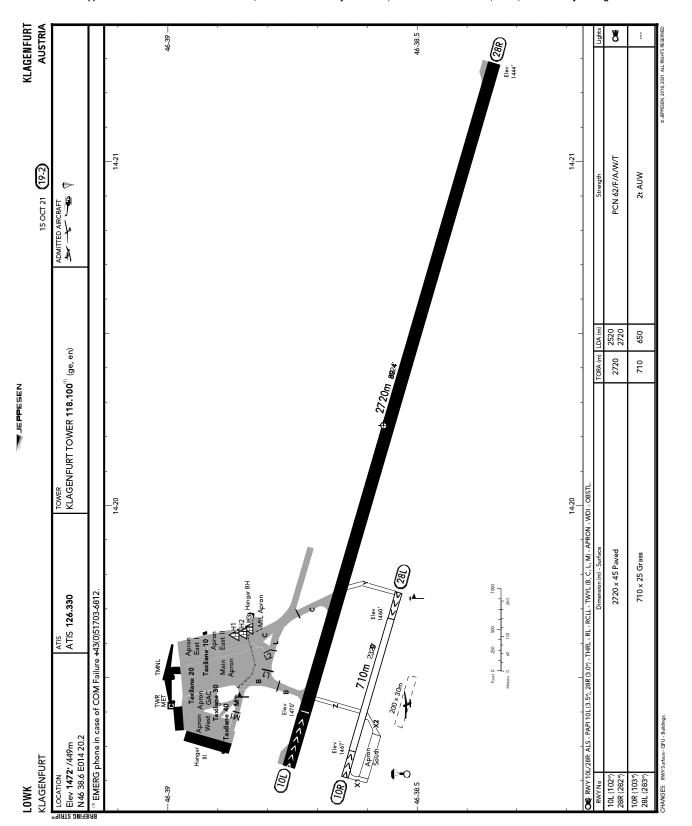
St	Standard STRAIGHT-IN LANDING RWY 28R LPV CAT I							
	DA(H) A: 1821 ′(377′) C: 2046 ′(602′) B: 2038 ′(594′) D: 2057 ′(613′)							
		ALS out						
Α	R∨R 1000m	1000m RVR 1500m						
В	RVR 1500m							
С	DVD 0100	D\/D 0.400						
D	RVR 2100m	RVR 2400m						

MISSED APCH CLIMB GRADIENT MIM 2.5%

St	Standard STRAIGHT-IN LANDING RWY 28R LNAV/VNAV A: 2007' (563') C: 2059' (615')				
	B: 2040 (596')	D: 2190 ′ (746′)			
		ALS out			
Α					
В	RVR 1500m				
С	RVR 2100m	RVR 2400m			
D	RVR	2400m			







LOWK

KLAGENFURT

19 OCT 18



KLAGENFURT AUSTRIA

CAUTION: Pay attention to ropeways & high-tension lines.

Birds in vicinity of AD. Especially APCH sector RWY 10L.

Outside op hr KLAGENFURT ATC contact WIEN FIC.

TRA Feldkirchen: ACT announced via ATIS LOWK.

Intersection TKOF

RWY	TWY	TORA (m)
10L	В	2405
	С	2010

Approaches

Arrival sectors 'NORTH' and 'WEST' end in the respective holding patterns. For further approach hold there if not received an approach or landing clearance previously.

Approaches from the east should be conducted via the points E1 and E2 to the VFR sector 'NORTH'.

Published MAX flight altitudes for entry VFR sectors should be kept as long as possible for noise abatement reasons.

Departures

Departures on RWY 10L and 10R via VFR route SIERRA or VFR sector NORTH shall, unless otherwise instructed by ATC, initiate right/left turn for noise abatement reasons after having passed Görtschitztal Street or 'METRO'-market.

After leaving the CTR via SIERRA, caution on hangglider and paraglider traffic in the area of 'Radsberg'.

Published MAX flight altitudes for exit VFR routes/sectors should be reached as soon as possible for noise abatement reasons.

Transit Flights

Transit flights will be cleared if traffic situation permits.

NORDO Flights

NORDO approaches may be executed only via the VFR points N2 and N3, provided a clearance has been obtained via telephone. The time of entering CTR must be indicated and must not be exceeded by more than 10 MIN; otherwise the clearance expires.

NORDO transit flights are not permitted.

Special Advice

If pilots are unable to comply with clearances or instructions (e.g. MET-Conditions, hilly terrain around the AD), ATC shall be informed immediately.

Radio COM Failure

In case of radio communication failure prior having received an entry clearance, divert to an uncontrolled AD. If unable, proceed via points N2 and N3 and hold in the holding pattern awaiting light signals.

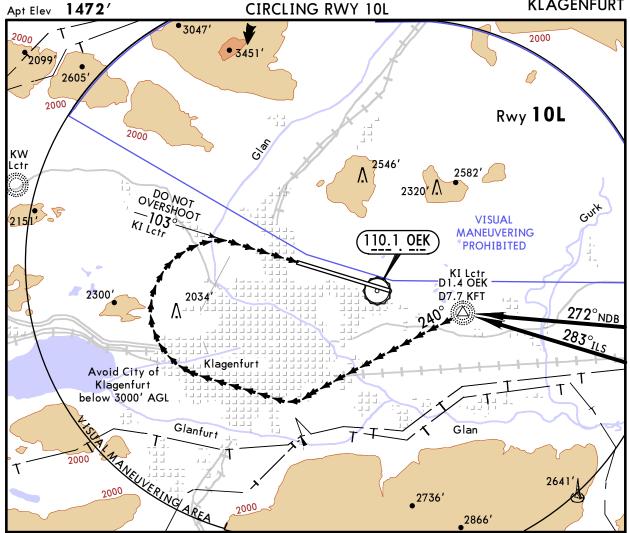
In case of radio communication failure after having received an entry clearance, the flight shall be continued according to the clearance, awaiting light signals in the holding pattern.

NOTE: In case of radio communication failure the pilot shall squawk A 7600.



30 JUL 21 Eff 12 Aug (19-10)

KLAGENFURT, AUSTRIA KLAGENFURT



CIRCLING PROCEDURE RWY 10L: Complete a published instrument approach to RWY 28R. Break-off to the LEFT not later than over KI Lctr and execute a circling approach to RWY 10L, observing the area for visual manoevring as indicated.

MISSED APCH: If visual reference is lost, climb to MDA(H) or higher and turn RIGHT to KI Lctr, then follow missed apch procedure as described for ILS or NDB apch.

Standard	CIRCLE-TO-LAND					
	Not authorized North of airport					
Max Kts	MDA(H)	VIS				
A 100	2150 ′ (678′)	1500m				
B 135	2720 ′ (1248′)	1600m				
C 180	3290' (1818')	2400m				
D 180	3290 ′ (1818′)	3600m 1				

1 After NDB Rwy 28R apch: VIS 4900m.