

JEPPESSEN
29 APR 05 (10-2A) EFF 12 MAY
STAR

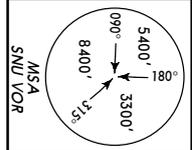
LOWW/VIE
SCHWECHAT

ATIS
112.2 113.0 115.5 122.95

Apr Elev 600'
Alt Set: NPA
Trans level: By ATC
Trans alt: 5000'

VIENNA, AUSTRIA

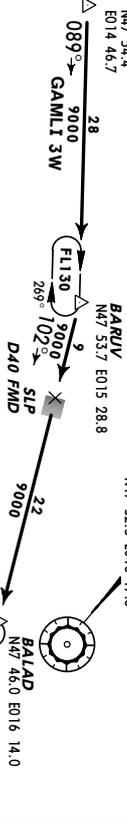
1. Non-RNAV aircraft expect radar vectors to final approach.
2. GPS/FMS aircraft expect GPS/FMS RNAV-T transition to final approach (refer to charts 10-2D to 10-2G).
3. For noise abatement reasons the approach shall be conducted in "clean configuration" as long as possible.



GAML1 THREE WHISKEY (GAML1 3W) [GAML13W]
GLEICHENBERG FIVE WHISKEY (GBG 5W)
GRZ SIX WHISKEY (GRZ 6W)
NIMDU ONE WHISKEY (NIMDU 1W) [NIMDU1W]
XANUT ONE WHISKEY (XANUT 1W) [XANUT1W]
RWYS 11, 16, 29, 34 ARRIVALS
FROM SOUTH & WEST

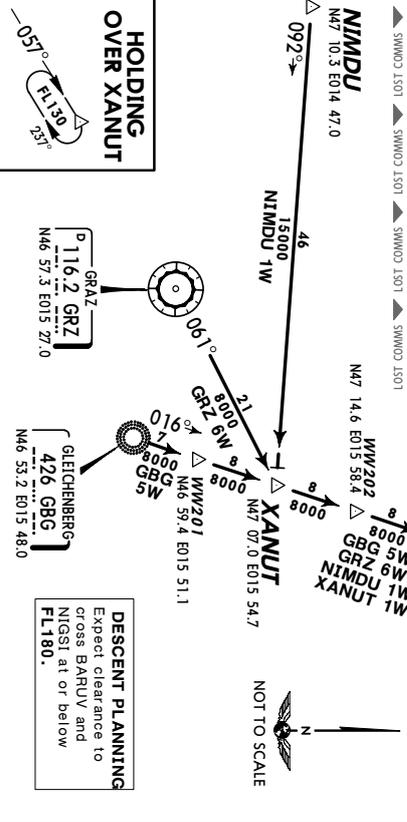
SPEED RESTRICTION
Cross SLP/D40 FMD at 250 KT or cruising speed if lower (applicable only upon ATC/ATIS instruction).
Speed limit applies also off-route.
SLP Speed Limit Point

GAML1
N47 54.4 E014 46.7

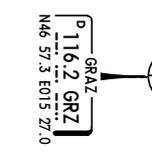


STARs crossing through
Airspace "Class E"
up to FL125

NIMDU
N47 10.3 E014 47.0



HOLDING OVER XANUT



DESCENT PLANNING
Expect clearance to cross BARUV and NIGSI at or below FL180.



LOST COMMS
If clearance limit is reached before further instructions have been received, a holding procedure shall be carried out at the last cleared and acknowledged level. In case no communication can be established within 5 minutes after entering the holding, execute Communication Failure Procedure (refer to chart 10-2C).

NOT TO SCALE

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CHANGES: STARs completely revised; chart redrawn.

LOWW/VIE
SCHWECHAT

ATIS
112.2 113.0 115.5 122.95

Apr Elev 600'
Alt Set: NPA
Trans level: By ATC
Trans alt: 5000'

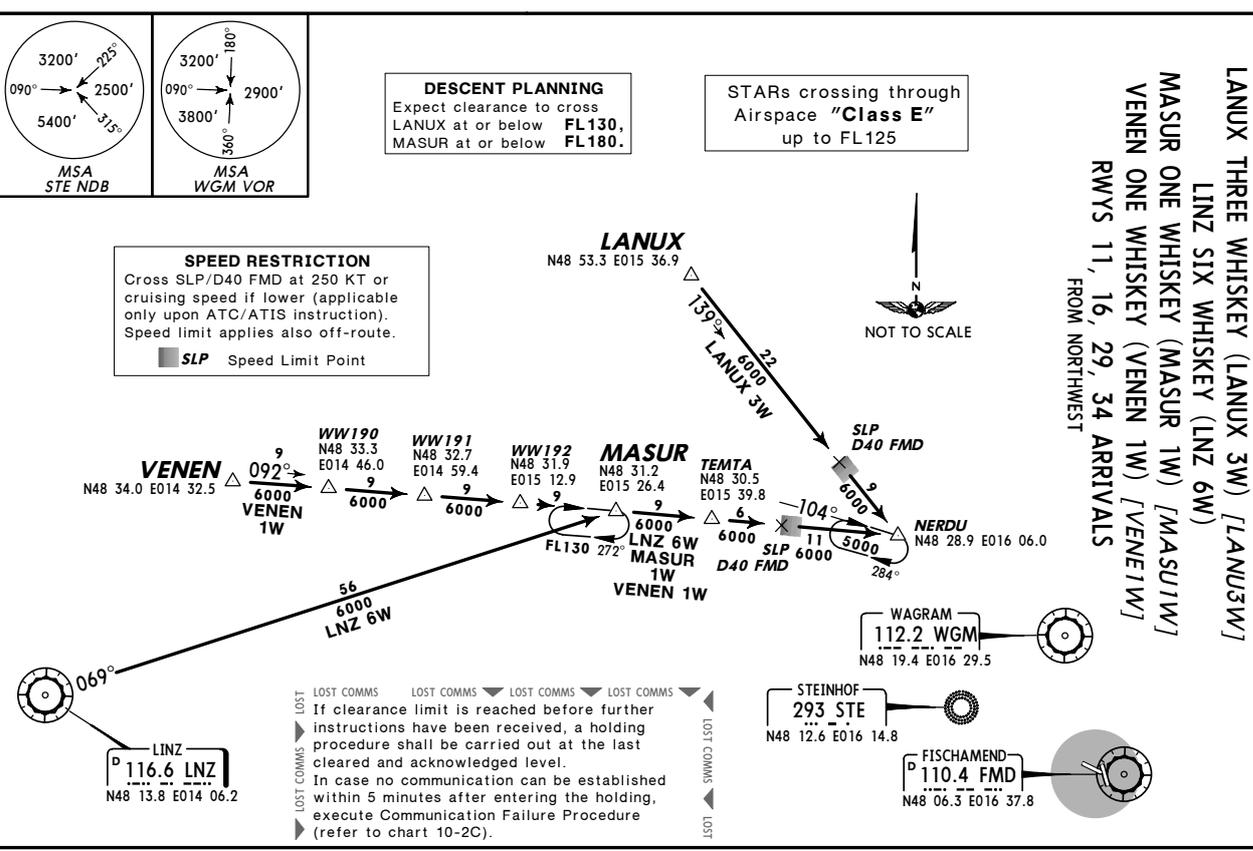
VIENNA, AUSTRIA

1. Non-RNAV aircraft expect radar vectors to final approach.
2. GPS/FMS aircraft expect GPS/FMS RNAV-T transition to final approach (refer to charts 10-2D to 10-2G).
3. For noise abatement reasons the approach shall be conducted in "clean configuration" as long as possible.

LANUX THREE WHISKEY (LANUX 3W) [LANUX3W]
LINZ SIX WHISKEY (LINZ 6W)
MASUR ONE WHISKEY (MASUR 1W) [MASUR1W]
VENEN ONE WHISKEY (VENEN 1W) [VENEN1W]
RWYS 11, 16, 29, 34 ARRIVALS
FROM NORTHWEST

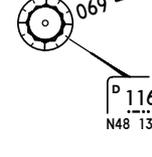
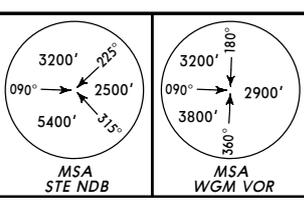
STARs crossing through
Airspace "Class E"
up to FL125

LANUX
N48 53.3 E015 36.9



DESCENT PLANNING
Expect clearance to cross LANUX at or below FL130, MASUR at or below FL180.

SPEED RESTRICTION
Cross SLP/D40 FMD at 250 KT or cruising speed if lower (applicable only upon ATC/ATIS instruction).
Speed limit applies also off-route.
SLP Speed Limit Point



LOST COMMS
If clearance limit is reached before further instructions have been received, a holding procedure shall be carried out at the last cleared and acknowledged level. In case no communication can be established within 5 minutes after entering the holding, execute Communication Failure Procedure (refer to chart 10-2C).

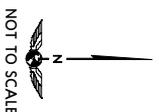
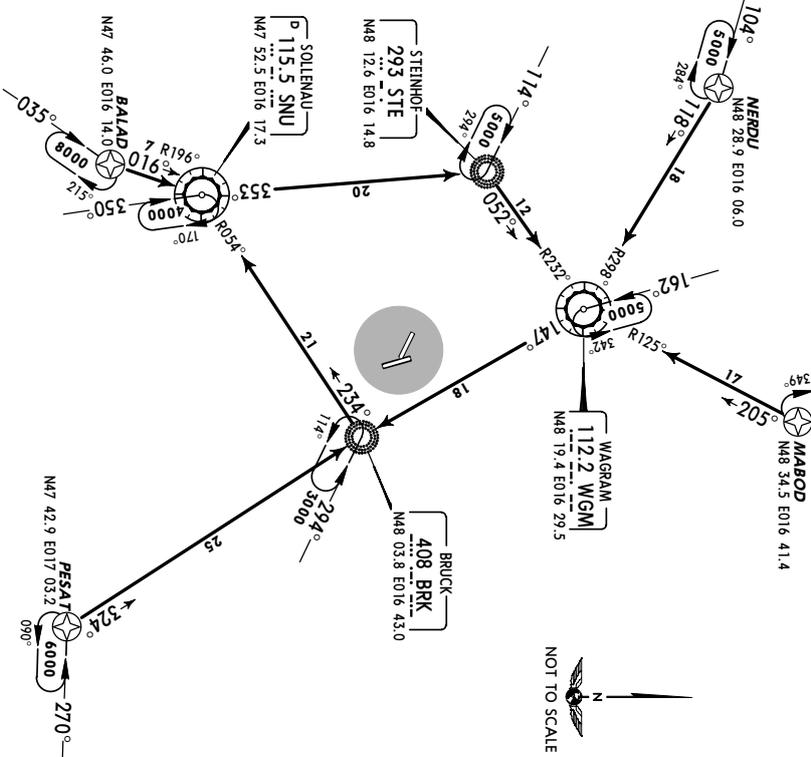
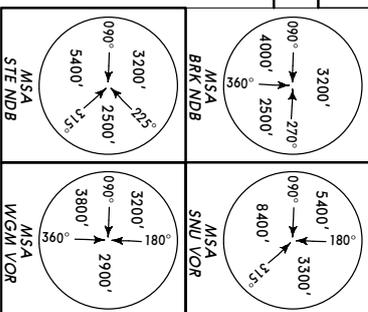
NOT TO SCALE

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CHANGES: STARs completely revised; chart redrawn.

COMMUNICATION FAILURE PROCEDURE

STARS crossing through
Airspace "Class E"
up to FL125



COMMUNICATION FAILURE ROUTING

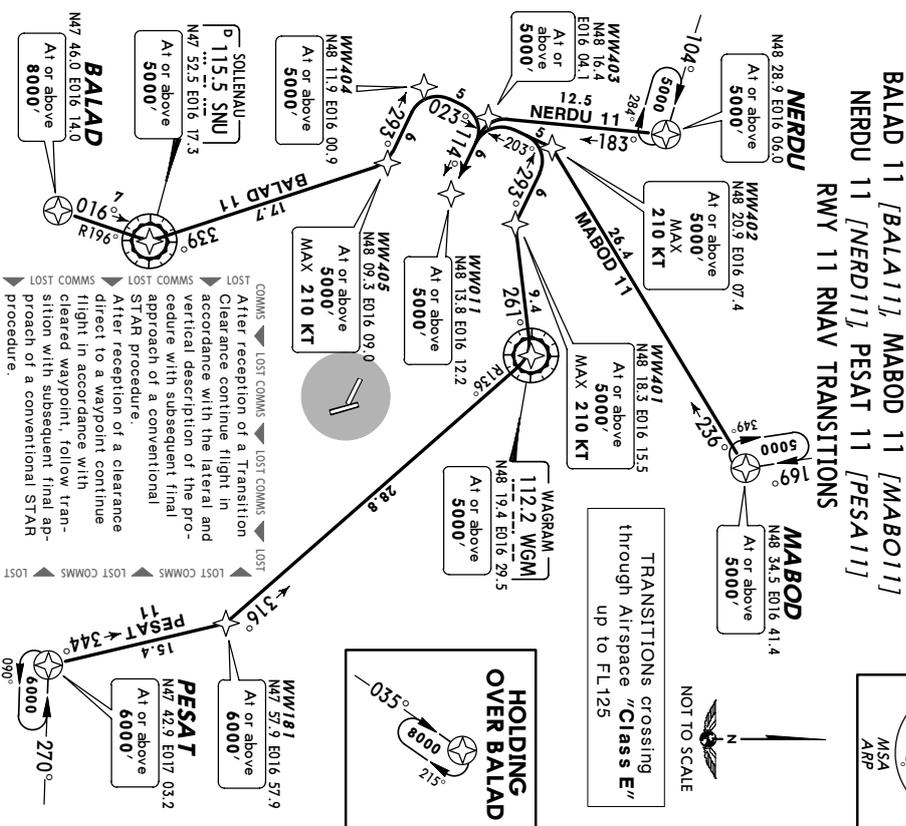
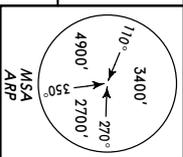
In case the runway in use is known proceed as depicted on chart to BRK and maintain approach fix and execute approach procedure.

If the runway in use is not known, proceed as depicted on chart clockwise to the relevant approach and execute approach procedure.

cleared and acknowledged level. Start descent over approach to runway 29.

1. Expect clearance for the IAP (normally ILS-APP) well before reaching WW011. In case no clearance was received perform an IAP.

2. If unable to follow Transition advise ATC immediately.



- CLEARANCE PHRASEOLOGY**
- "Cleared xxx Transition": Authorization to fly the lateral GPS/FMS-route. Altitude assignments will be issued by ATC. (TERRAIN CLEARANCE ASSURED BY ATC)
 - "Cleared xxx Transition and Profile": Authorization to fly the GPS/FMS-route as published, including the vertical constraints depicted on the procedure.
 - "Cleared direct Waypoint xxx": Authorization to fly from the present position direct to one or a combination of waypoints. Altitude assignments will be issued by ATC. (TERRAIN CLEARANCE ASSURED BY ATC)

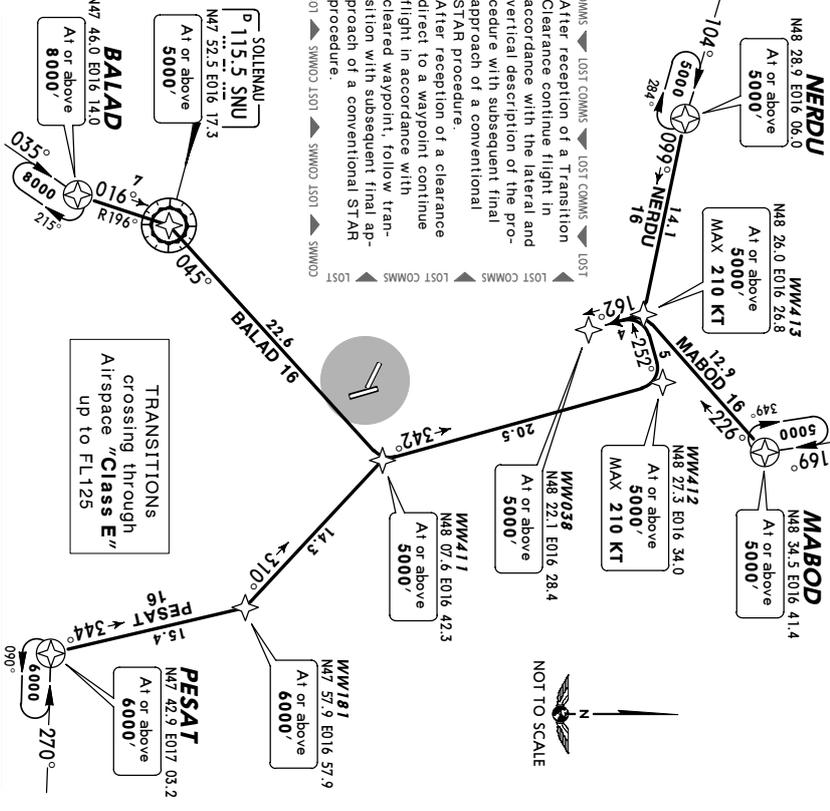
TRANSITION	ROUTING
BALAD 11	BALAD (8000' +) - SNU (5000' +) - WW405 (5000' +) (K210-) - WW404 (5000' +) - WW403 (5000' +) - WW011 (5000' +).
MABOD 11	MABOD (5000' +) - WW402 (5000' +) (K210-) - WW403 (5000' +) - WW011 (5000' +).
NERDU 11	NERDU (5000' +) - WW403 (5000' +) - WW011 (5000' +).
PESAT 11	PESAT (6000' +) - WW181 (6000' +) - WGM (5000' +) - WW401 (5000' +) (K210-) - WW402 (5000' +) (K210-) - WW403 (5000' +) - WW011 (5000' +).

JEPPESSEN
17 JUN 05 (10-2E)

VIENNA, AUSTRIA
RNAV TRANSITION

ATIS	112.2	Alt Set: hpa. Trans level: By ATC. Trans alt: 5000'
App Elev	113.0	1. Expect clearance for the IAP (normally ILS-APP) well before reaching WW038. In case no clearance was received perform an IAP.
	115.5	2. If unable to follow Transition advise ATC immediately.
	122.95	

**BALAD 16 [BALA16], MABOD 16 [MABO16]
NERDU 16 [NERD16], PESAT 16 [PESA16]
RWY 16 RNAV TRANSITIONS**



CLEARANCE PHRASEOLOGY

- "Cleared xxx Transition": Authorization to fly the lateral GPS/FMS-route. Altitude assignments will be issued by ATC. (TERRAIN CLEARANCE ASSURED BY ATC)
- "Cleared xxx Transition and Profile": Authorization to fly the GPS/FMS-route as published, including the vertical constraints depicted on the procedure.
- "Cleared direct Waypoint xxx": Authorization to fly from the present position direct to one or a combination of waypoints. Altitude assignments will be issued by ATC. (TERRAIN CLEARANCE ASSURED BY ATC)

ROUTING

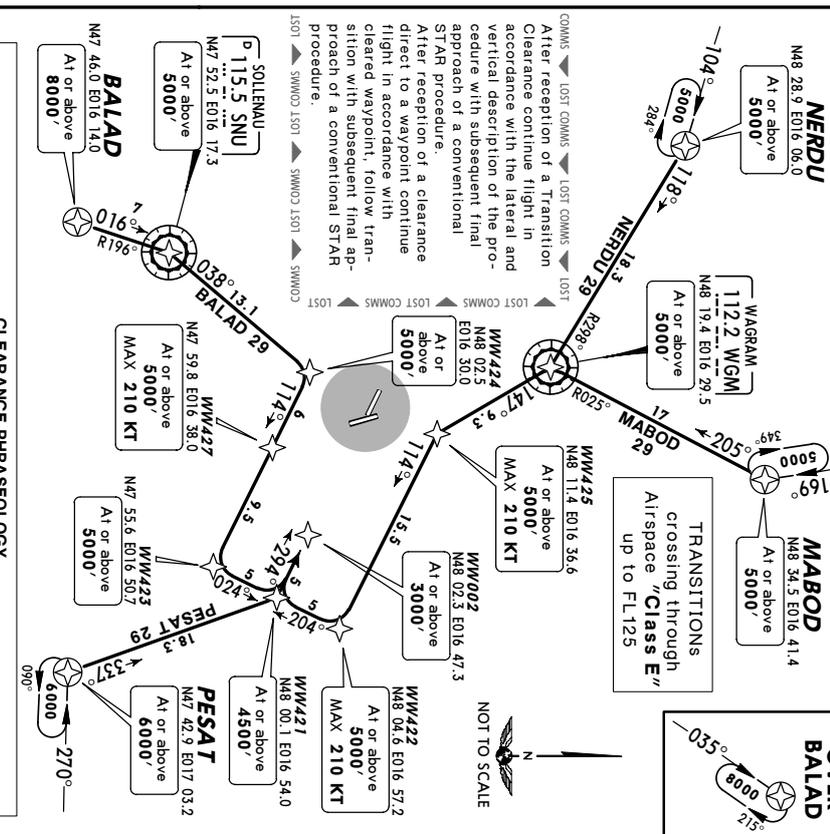
TRANSITION	BALAD (8000' +) - SNU (5000' +) - WW411 (5000' +) - WW412 (5000' +; K210-) - WW413 (5000' +; K210-) - WW038 (5000' +).
BALAD 16	MABOD (5000' +) - WW413 (5000' +; K210-) - WW038 (5000' +).
MABOD 16	NERDU (5000' +) - WW413 (5000' +; K210-) - WW038 (5000' +).
NERDU 16	PESAT (6000' +) - WW181 (6000' +) - WW411 (5000' +) - WW412 (5000' +; K210-) - WW413 (5000' +; K210-) - WW038 (5000' +).
PESAT 16	

JEPPESSEN
29 APR 05 (10-2F)

VIENNA, AUSTRIA
RNAV TRANSITION

ATIS	112.2	Alt Set: hpa. Trans level: By ATC. Trans alt: 5000'
App Elev	113.0	1. Expect clearance for the IAP (normally ILS-APP) well before reaching WW002. In case no clearance was received perform an IAP.
	115.5	2. If unable to follow Transition advise ATC immediately.
	122.95	

**BALAD 29 [BALA29], MABOD 29 [MABO29]
NERDU 29 [NERD29], PESAT 29 [PESA29]
RWY 29 RNAV TRANSITIONS**



CLEARANCE PHRASEOLOGY

- "Cleared xxx Transition": Authorization to fly the lateral GPS/FMS-route. Altitude assignments will be issued by ATC. (TERRAIN CLEARANCE ASSURED BY ATC)
- "Cleared xxx Transition and Profile": Authorization to fly the GPS/FMS-route as published, including the vertical constraints depicted on the procedure.
- "Cleared direct Waypoint xxx": Authorization to fly from the present position direct to one or a combination of waypoints. Altitude assignments will be issued by ATC. (TERRAIN CLEARANCE ASSURED BY ATC)

ROUTING

TRANSITION	BALAD (8000' +) - SNU (5000' +) - WW424 (5000' +) - WW427 (5000' +; K210-) - WW423 (5000' +) - WGM (5000' +) - WW421 (4500' +) - WW002 (3000' +).
BALAD 29	MABOD (5000' +) - WGM (5000' +) - WW425 (5000' +; K210-) - WW422 (5000' +; K210-) - WW421 (4500' +) - WW002 (3000' +).
MABOD 29	NERDU (5000' +) - WGM (5000' +) - WW425 (5000' +) - WW422 (5000' +; K210-) - WW421 (4500' +) - WW002 (3000' +).
NERDU 29	PESAT (6000' +) - WW421 (4500' +) - WW002 (3000' +).
PESAT 29	

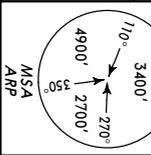
LOWW/VIE
SCHWECHAT

JEPPesen
29 APR 05 (10-3A) **EFF 12 MAY**

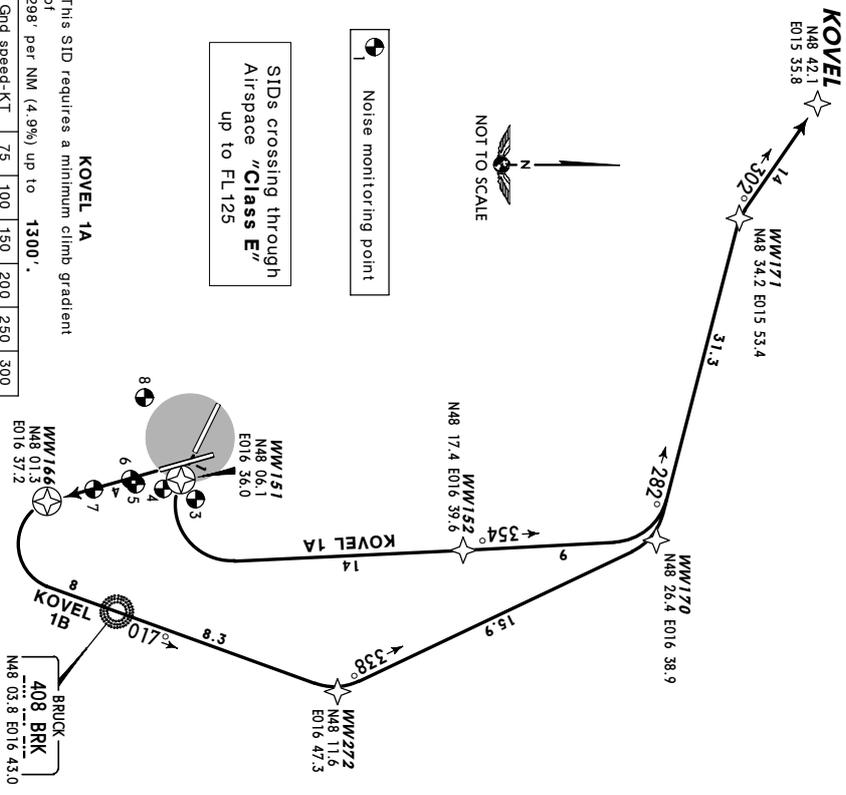
VIENNA, AUSTRIA
RNAV SID

Wien Radar (APP) **128.2** Apt Elev **600'** Trans level: By ATC Trans alt: 5000'
When instructed by WIEN Tower contact WIEN Radar.

1. Flight tracks are recorded at Vienna airport and aircraft noise is monitored in all relevant populated areas around the airport. Climb with the optimum noise abatement take-off profile appropriate for the particular type of aircraft. Adhere to noise abatement procedure as strictly as possible.
2. To expedite traffic ATC may request aircraft to start the initial turn VISUALLY as soon as practicable. In this case terrain clearance has to be assured by the pilot up to 2000'.



KOVEL ONE ALFA (KOVEL 1A) [KOVE1A]
KOVEL ONE BRAVO (KOVEL 1B) [KOVE1B]
RWYS 11, 16 RNAV DEPARTURES
FOR RNAV SIDS RWYS 29, 34 REFER TO CHART 10-3B
SPEEDS MAX 250 KT BELOW FL100 OR AS BY ATC



KOVEL 1A

This SID requires a minimum climb gradient of 298' per NM (4.9%) up to 1300'.

Gnd speed-KT	75	100	150	200	250	300
298' per NM	372	496	744	992	1241	1489

Initial climb clearance 5000'

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

ROUTING
KOVEL 1A 11 WW151 - WW152 - WW170 - WW171 - KOVEL.
KOVEL 1B 16 WW166 - BRK - WW272 - WW170 - WW171 - KOVEL.

CHANGES: KOVEL RNAV SIDs established; ABLQM RNAV SIDs transferred. © JEPPESEN SANDERSON, INC., 2004, 2005. ALL RIGHTS RESERVED.

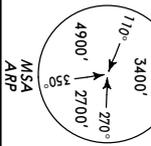
LOWW/VIE
SCHWECHAT

JEPPesen
29 APR 05 (10-3B) **EFF 12 MAY**

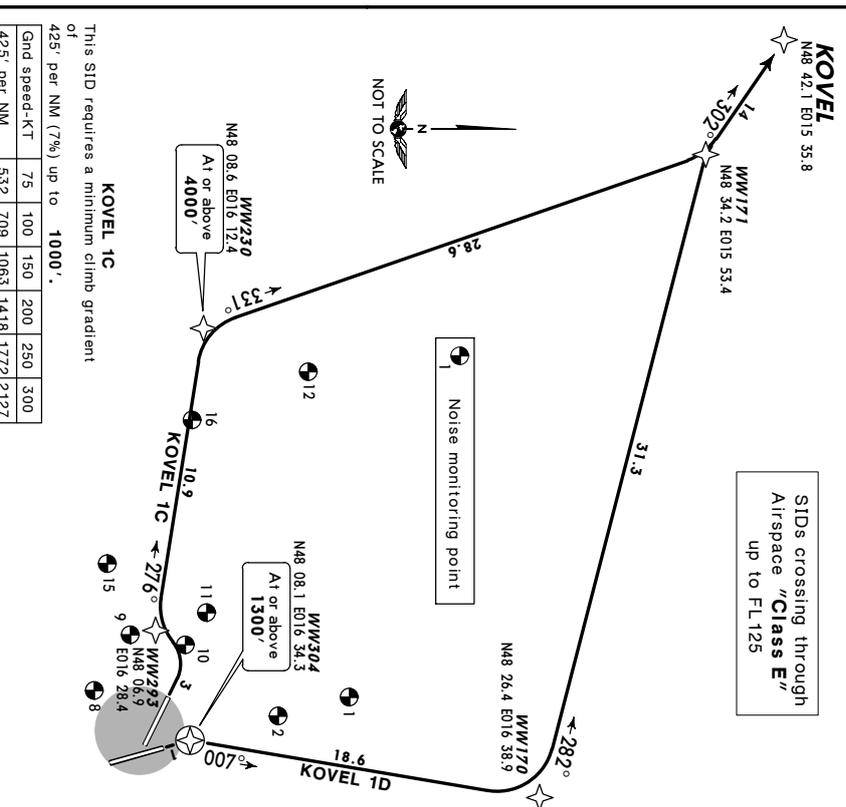
VIENNA, AUSTRIA
RNAV SID

Wien Radar (APP) **128.2** Apt Elev **600'** Trans level: By ATC Trans alt: 5000'
When instructed by WIEN Tower contact WIEN Radar.

1. Flight tracks are recorded at Vienna airport and aircraft noise is monitored in all relevant populated areas around the airport. Climb with the optimum noise abatement take-off profile appropriate for the particular type of aircraft. Adhere to noise abatement procedure as strictly as possible.
2. To expedite traffic ATC may request aircraft to start the initial turn VISUALLY as soon as practicable. In this case terrain clearance has to be assured by the pilot up to 2000'.



KOVEL ONE CHARLIE (KOVEL 1C) [KOVE1C]
KOVEL ONE DELTA (KOVEL 1D) [KOVE1D]
RWYS 29, 34 RNAV DEPARTURES
SPEEDS MAX 250 KT BELOW FL100 OR AS BY ATC



KOVEL 1C

This SID requires a minimum climb gradient of 425' per NM (7%) up to 1000'.

Gnd speed-KT	75	100	150	200	250	300
425' per NM	532	709	1063	1418	1772	2127

Initial climb clearance 5000'

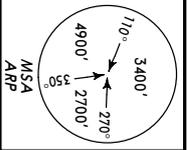
Execute initial turns with MAX 205 KT and a bank angle of at least 20°.

ROUTING
KOVEL 1C 29 (1000'+) - WW293 - WW230 (4000'+) - KOVEL.
KOVEL 1D 34 WW304 (1300'+) - WW170 - WW171 - KOVEL.

CHANGES: KOVEL RNAV SIDs established; LUGIN RNAV SIDs withdrawn. © JEPPESEN SANDERSON, INC., 2004, 2005. ALL RIGHTS RESERVED.

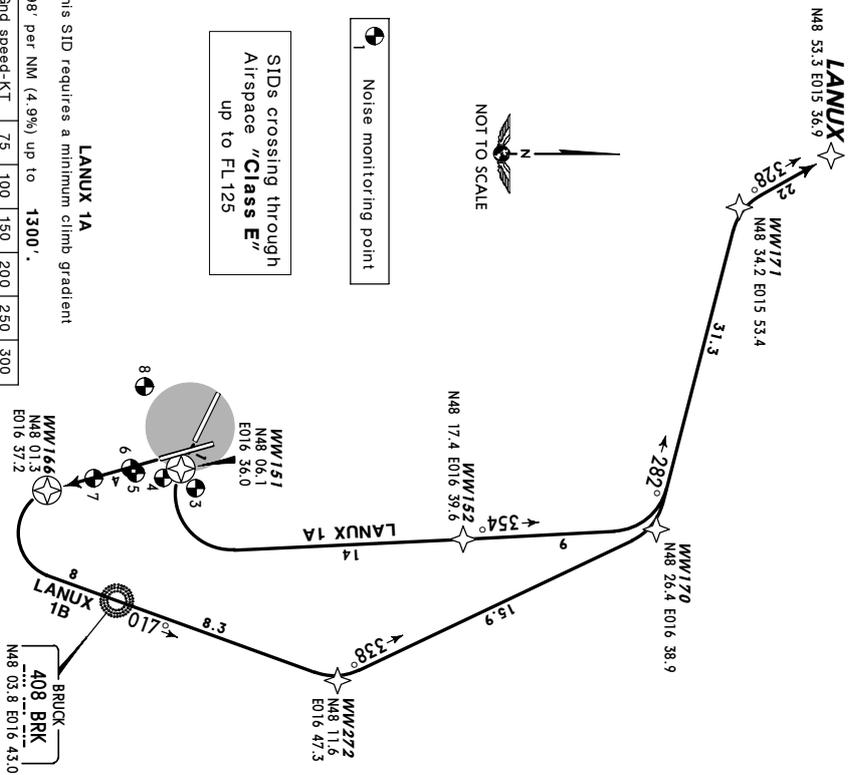
LOWW/VIE
SCHWECHAT
 29 APR 05 **(10-30)** **EFF 12 MAY**
JEPPESSEN
VIENNA, AUSTRIA
RNAV SID

Wien Radar (APP)	128.2	Apt Elev	600'	Trans level: By ATC	Trans alt: 5000'
When instructed by WIEN Tower contact WIEN Radar.				Trans alt: 5000'	



1. Flight tracks are recorded at Vienna airport and aircraft noise is monitored in all relevant populated areas around the airport. Climb with the optimum noise abatement take-off profile appropriate for the particular type of aircraft. Adhere to noise abatement procedure as strictly as possible.
 2. To expedite traffic ATC may request aircraft to start the initial turn VISUALLY as soon as practicable. In this case terrain clearance has to be assured by the pilot up to 2000'.

LANUX ONE ALFA (LANUX 1A) [LANUX1A]
LANUX ONE BRAVO (LANUX 1B) [LANUX1B]
RWYS 11, 16 RNAV DEPARTURES
FOR RNAV SIDS RWYS 29, 34 REFER TO CHART 10-3D
SPEEDS MAX 250 KT BELOW FL100 OR AS BY ATC



LANUX 1A
 This SID requires a minimum climb gradient of 298' per NM (4.9%) up to 1300'.

Gnd speed-KT	75	100	150	200	250	300
298' per NM	372	496	744	992	1241	1489

LANUX 1B
 This SID requires a minimum climb gradient of 425' per NM (7%) up to 1000'.

Gnd speed-KT	75	100	150	200	250	300
425' per NM	532	709	1063	1418	1772	2127

Initial climb clearance 5000'

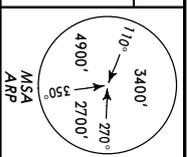
SID	RWY	ROUTING
LANUX 1A	11	WW151 - WW152 - WW170 - WW171 - LANUX.
LANUX 1B	16	WW166 - BRK - WW272 - WW170 - WW171 - LANUX.

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

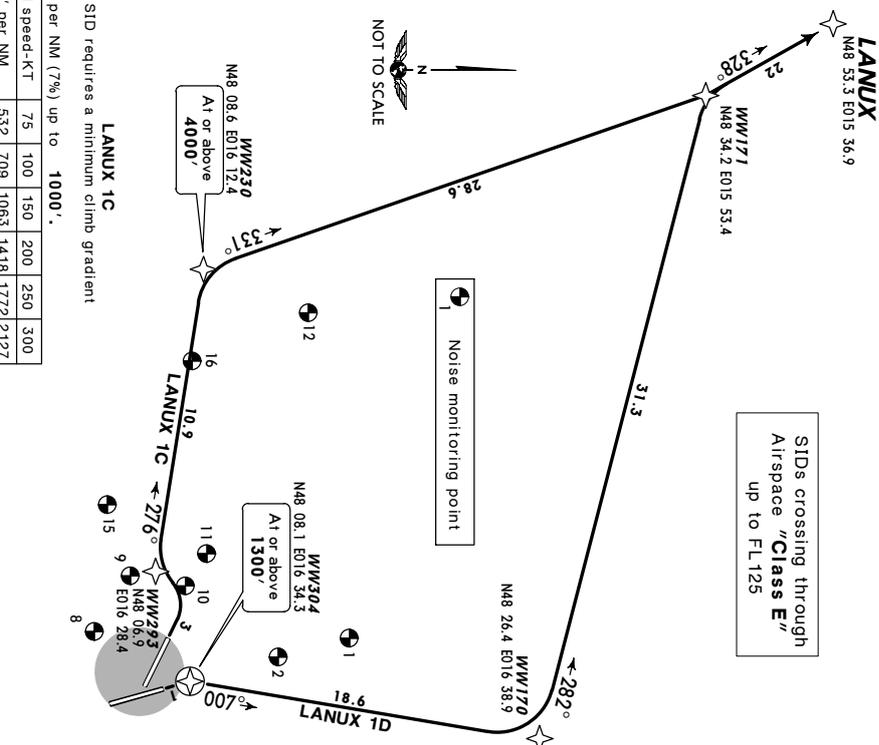
CHANGES: LANUX RNAV SIDS estab'd; MEDIX RNAV SIDS withdr. © JEPPESSEN SANDERSON, INC., 2004, 2005. ALL RIGHTS RESERVED.

LOWW/VIE
SCHWECHAT
 29 APR 05 **(10-3D)** **EFF 12 MAY**
JEPPESSEN
VIENNA, AUSTRIA
RNAV SID

Wien Radar (APP)	128.2	Apt Elev	600'	Trans level: By ATC	Trans alt: 5000'
When instructed by WIEN Tower contact WIEN Radar.				Trans alt: 5000'	



LANUX ONE CHARLIE (LANUX 1C) [LANUX1C]
LANUX ONE DELTA (LANUX 1D) [LANUX1D]
RWYS 29, 34 RNAV DEPARTURES
SPEEDS MAX 250 KT BELOW FL100 OR AS BY ATC



LANUX 1C
 This SID requires a minimum climb gradient of 425' per NM (7%) up to 1000'.

Gnd speed-KT	75	100	150	200	250	300
425' per NM	532	709	1063	1418	1772	2127

LANUX 1D
 This SID requires a minimum climb gradient of 425' per NM (7%) up to 1000'.

Gnd speed-KT	75	100	150	200	250	300
425' per NM	532	709	1063	1418	1772	2127

Initial climb clearance 5000'

SID	RWY	ROUTING
LANUX 1C	29	(1000'+) - WW293 - WW230 (4000'+) - WW171 - LANUX.
LANUX 1D	34	WW304 (1300'+) - WW170 - WW171 - LANUX.

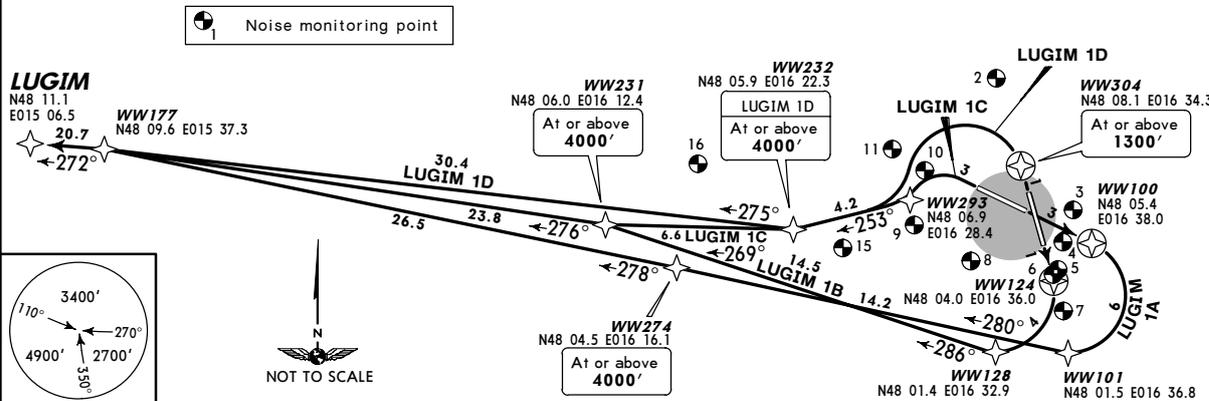
Execute initial turns with MAX 205 KT and a bank angle of at least 20°.

CHANGES: LANUX RNAV SIDS estab'd; MIKOV RNAV SIDS transr. © JEPPESSEN SANDERSON, INC., 2004, 2005. ALL RIGHTS RESERVED.

LOWW/VIE
SCHWECHAT
 29 APR 05 (10-3E) EFF 12 MAY
JEPPesen
 VIENNA, AUSTRIA
RNAV SID

Wien Radar (APP) 128.2
 Apt Elev 600'
 Trans level: By ATC. Trans alt: 5000'
 When instructed by WIEN Tower contact WIEN Radar.

1. Flight tracks are recorded at Vienna airport and aircraft noise is monitored in all relevant populated areas around the airport. Climb with the optimum noise abatement take-off profile appropriate for the particular type of aircraft. Adhere to noise abatement procedure as strictly as possible.
 2. To expedite traffic ATC may request aircraft to start the initial turn VISUALLY as soon as practicable. In this case terrain clearance has to be assured by the pilot up to 2000'.



LUGIM ONE ALFA
 (LUGIM 1A) [LUG11A]
LUGIM ONE BRAVO
 (LUGIM 1B) [LUG11B]
LUGIM ONE CHARLIE
 (LUGIM 1C) [LUG11C]
LUGIM ONE DELTA
 (LUGIM 1D) [LUG11D]
 RWYS 11, 16, 29, 34
RNAV DEPARTURES
SPEED MAX 250 KT BELOW FL100
 OR AS BY ATC

SIDs crossing through
 Airspace "Class E"
 up to FL125

These SIDs require minimum climb gradients of

LUGIM 1A:	298' per NM (4.9%)	up to	1300'
LUGIM 1C:	425' per NM (7%)	up to	1000'

Gnd speed-KT	75	100	150	200	250	300
298' per NM	372	496	744	992	1241	1489
425' per NM	532	709	1063	1418	1772	2127

Initial climb clearance 5000'

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

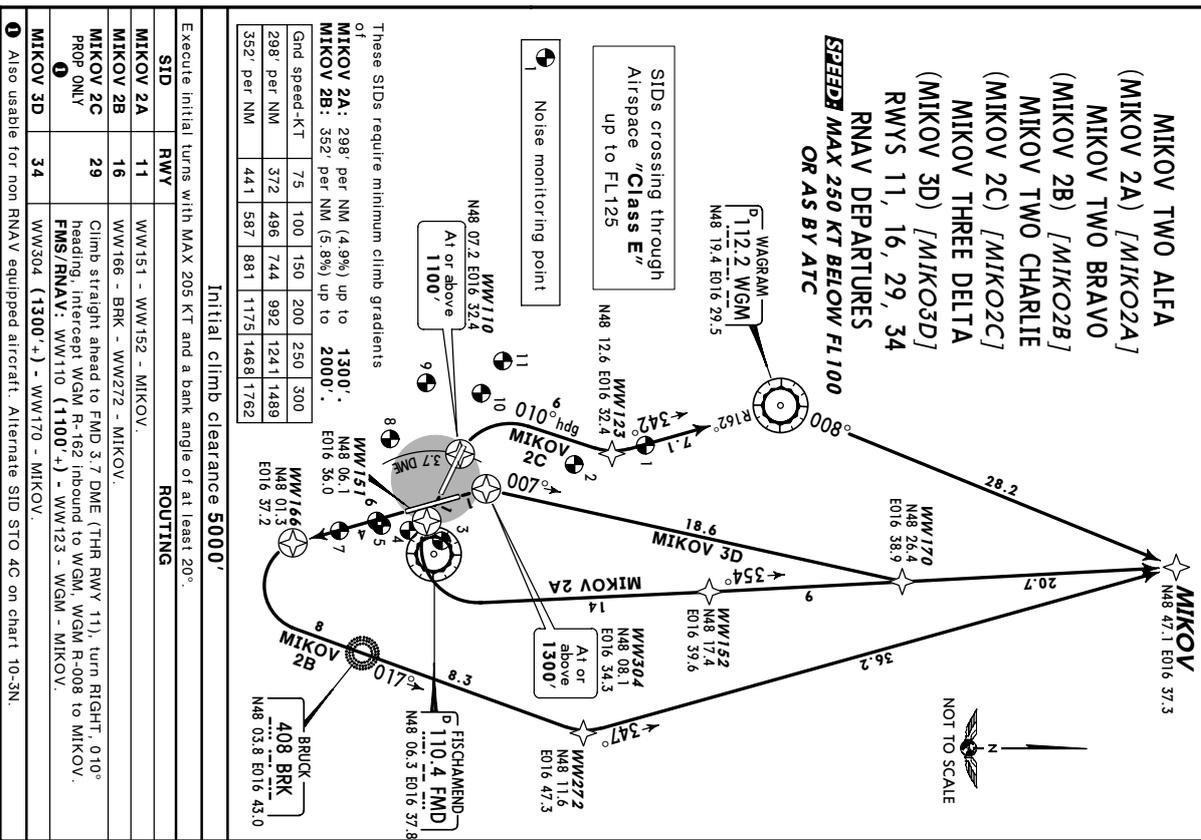
SID	RWY	ROUTING
LUGIM 1A	11	WW100 - WW101 - WW274 (4000'+) - WW177 - LUGIM.
LUGIM 1B	16	WW124 - WW128 - WW231 (4000'+) - WW177 - LUGIM.
LUGIM 1C	29	(1000'+) - WW293 - WW232 - WW231 (4000'+) - WW177 - LUGIM.
LUGIM 1D	34	WW304 (1300'+) - WW293 - WW232 (4000'+) - WW177 - LUGIM.

① Usable between 0700-2100LT. Alternate SIDs SNU 2C, 2D on chart 10-3L.

LOWW/VIE
SCHWECHAT
 29 APR 05 (10-3F) EFF 12 MAY
JEPPesen
 VIENNA, AUSTRIA
RNAV SID

Wien Radar (APP) 128.2
 Apt Elev 600'
 Trans level: By ATC. Trans alt: 5000'
 When instructed by WIEN Tower contact WIEN Radar.

1. Flight tracks are recorded at Vienna airport and aircraft noise is monitored in all relevant populated areas around the airport. Climb with the optimum noise abatement take-off profile appropriate for the particular type of aircraft. Adhere to noise abatement procedure as strictly as possible.
 2. To expedite traffic ATC may request aircraft to start the initial turn VISUALLY as soon as practicable. In this case terrain clearance has to be assured by the pilot up to 2000'.



MIKOV TWO ALFA
 (MIKOV 2A) [MIKO2A]
MIKOV TWO BRAVO
 (MIKOV 2B) [MIKO2B]
MIKOV TWO CHARLIE
 (MIKOV 2C) [MIKO2C]
MIKOV THREE DELTA
 (MIKOV 3D) [MIKO3D]
 RWYS 11, 16, 29, 34
RNAV DEPARTURES
SPEED MAX 250 KT BELOW FL100
 OR AS BY ATC

SIDs crossing through
 Airspace "Class E"
 up to FL125

These SIDs require minimum climb gradients of

MIKOV 2A:	298' per NM (4.9%)	up to	1300'
MIKOV 2B:	352' per NM (5.8%)	up to	2000'

Gnd speed-KT	75	100	150	200	250	300
298' per NM	372	496	744	992	1241	1489
352' per NM	441	587	881	1175	1468	1762

Initial climb clearance 5000'

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

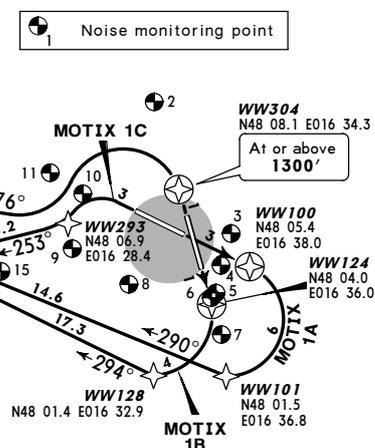
SID	RWY	ROUTING
MIKOV 2A	11	WW151 - WW152 - MIKOV.
MIKOV 2B	16	WW166 - BRK - WW272 - MIKOV.
MIKOV 2C	29	Climb straight ahead to FMD 3.7 DME (THR RWY 11), turn RIGHT, 010° heading, intercept WGM R-162 inbound to WGM, WGM R-008 to MIKOV. FMS/RNAV: WW110 (1100'+) - WW125 - WGM - MIKOV.
MIKOV 3D	34	WW304 (1300'+) - WW170 - MIKOV.

① Also usable for non RNAV equipped aircraft. Alternate SID STD 4C on chart 10-3N.

LOWW/VIE
SCHWECHAT
29 APR 05 (10-3G) EFF 12 MAY
JEPPESSEN
VIENNA, AUSTRIA
RNAV SID

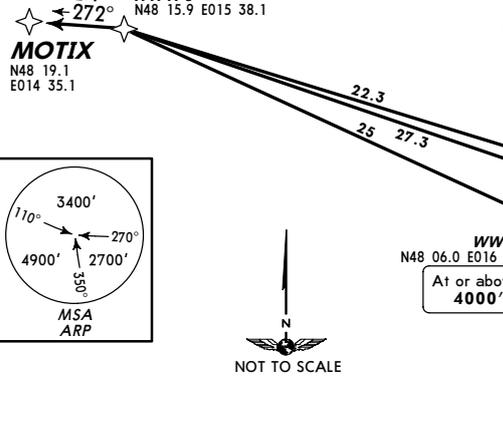
Wien Radar (APP) 128.2 Apt Elev 600' Trans level: By ATC. Trans alt: 5000' When instructed by WIEN Tower contact WIEN Radar.

1. Flight tracks are recorded at Vienna airport and aircraft noise is monitored in all relevant populated areas around the airport. Climb with the optimum noise abatement take-off profile appropriate for the particular type of aircraft. Adhere to noise abatement procedure as strictly as possible.
2. To expedite traffic ATC may request aircraft to start the initial turn VISUALLY as soon as practicable. In this case terrain clearance has to be assured by the pilot up to 2000'.



MOTIX ONE ALFA
(MOTIX 1A) [MOTIX 1A]
MOTIX ONE BRAVO
(MOTIX 1B) [MOTIX 1B]
MOTIX ONE CHARLIE
(MOTIX 1C) [MOTIX 1C]
MOTIX ONE DELTA
(MOTIX 1D) [MOTIX 1D]
RWYS 11, 16, 29, 34
RNAV DEPARTURES
SPEEDS MAX 250 KT BELOW FL100
OR AS BY ATC

SIDs crossing through
Airspace "Class E"
up to FL125



These SIDs require minimum climb gradients of
MOTIX 1A: 298' per NM (4.9%) up to 1300'.
MOTIX 1C: 425' per NM (7%) up to 1000'.

Gnd speed-KT	75	100	150	200	250	300
298' per NM	372	496	744	992	1241	1489
425' per NM	532	709	1063	1418	1772	2127

Initial climb clearance 5000'
Execute initial turns with MAX 205 KT and a bank angle of at least 20°.

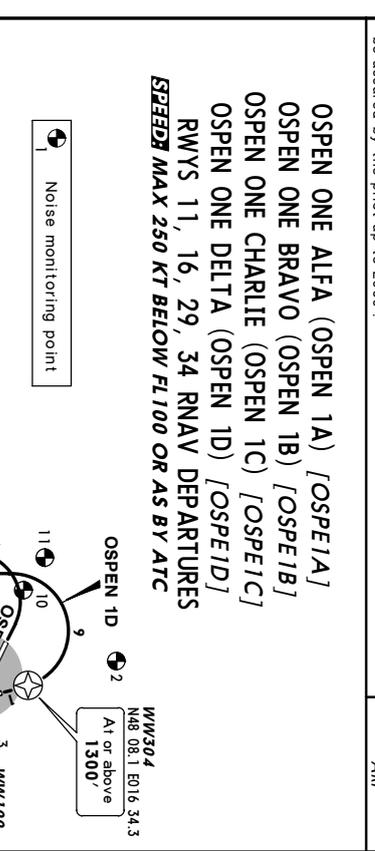
SID	RWY	ROUTING
MOTIX 1A	11	WW100 - WW101 - WW273 (4000'+) - WW176 - MOTIX.
MOTIX 1B	16	WW124 - WW128 - WW288 (4000'+) - WW176 - MOTIX.
MOTIX 1C	29	(1000'+) - WW293 - WW232 - WW231 (4000'+) - WW176 - MOTIX.
MOTIX 1D	34	WW304 (1300'+) - WW293 - WW230 (4000'+) - WW176 - MOTIX.

Usable between 0700-2100LT. Alternate SIDs SNU 2C, 2D on chart 10-3L.

LOWW/VIE
SCHWECHAT
29 APR 05 (10-3H) EFF 12 MAY
JEPPESSEN
VIENNA, AUSTRIA
RNAV SID

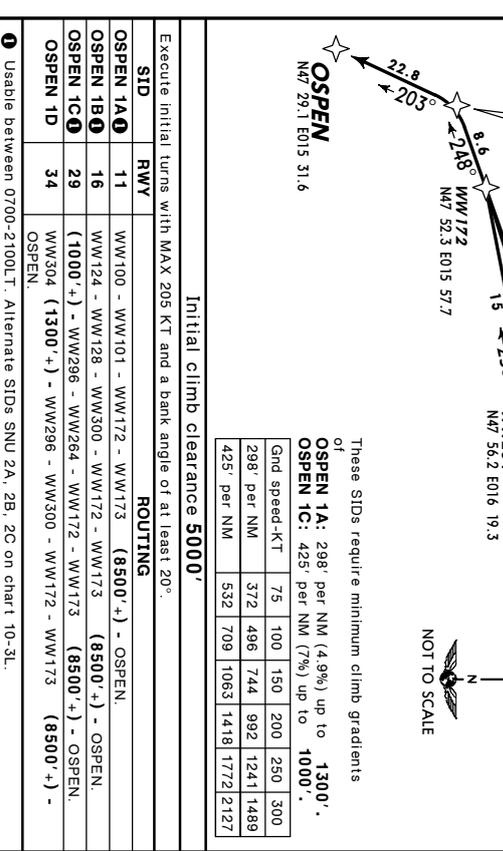
Wien Radar (APP) 128.2 Apt Elev 600' Trans level: By ATC. Trans alt: 5000' When instructed by WIEN Tower contact WIEN Radar.

1. Flight tracks are recorded at Vienna airport and aircraft noise is monitored in all relevant populated areas around the airport. Climb with the optimum noise abatement take-off profile appropriate for the particular type of aircraft. Adhere to noise abatement procedure as strictly as possible.
2. To expedite traffic ATC may request aircraft to start the initial turn VISUALLY as soon as practicable. In this case terrain clearance has to be assured by the pilot up to 2000'.



OSPEN ONE ALFA (OSPEN 1A) [OSPEN 1A]
OSPEN ONE BRAVO (OSPEN 1B) [OSPEN 1B]
OSPEN ONE CHARLIE (OSPEN 1C) [OSPEN 1C]
OSPEN ONE DELTA (OSPEN 1D) [OSPEN 1D]
RWYS 11, 16, 29, 34 RNAV DEPARTURES
SPEEDS MAX 250 KT BELOW FL100
OR AS BY ATC

SIDs crossing through
Airspace "Class E"
up to FL125



These SIDs require minimum climb gradients of
OSPEN 1A: 298' per NM (4.9%) up to 1300'.
OSPEN 1C: 425' per NM (7%) up to 1000'.

Gnd speed-KT	75	100	150	200	250	300
298' per NM	372	496	744	992	1241	1489
425' per NM	532	709	1063	1418	1772	2127

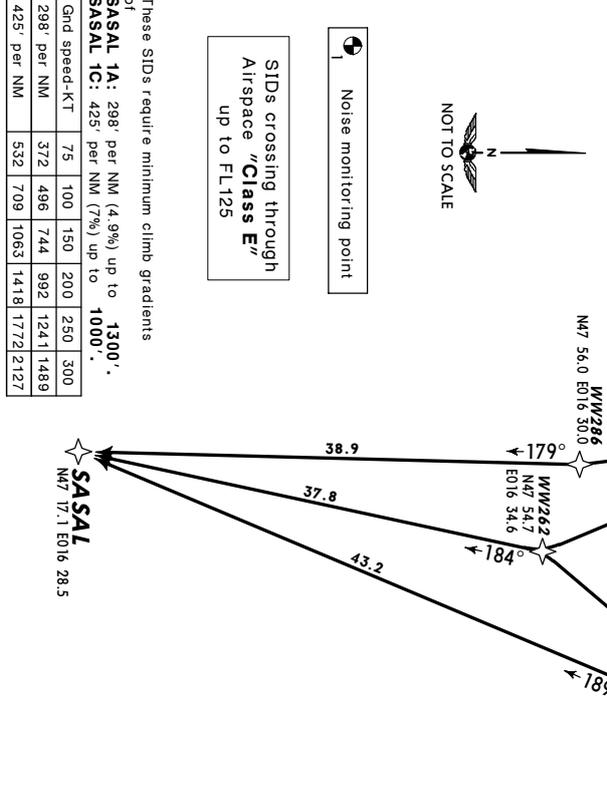
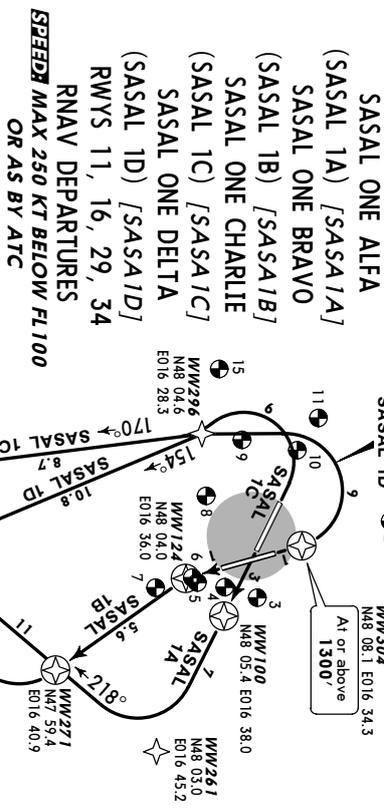
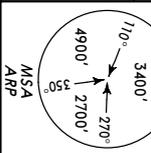
Initial climb clearance 5000'
Execute initial turns with MAX 205 KT and a bank angle of at least 20°.

SID	RWY	ROUTING
OSPEN 1A	11	WW100 - WW101 - WW172 - WW173 (8500'+) - OSPEN.
OSPEN 1B	16	WW124 - WW128 - WW300 - WW172 - WW173 (8500'+) - OSPEN.
OSPEN 1C	29	(1000'+) - WW296 - WW264 - WW172 - WW173 (8500'+) - OSPEN.
OSPEN 1D	34	WW304 (1300'+) - WW296 - WW300 - WW172 - WW173 (8500'+) - OSPEN.

Usable between 0700-2100LT. Alternate SIDs SNU 2A, 2B, 2C on chart 10-3L.

LOWW/VIE
SCHWECHAT
 29 APR 05 (10-3J) **EF 12 MAY**
JEPPESSEN
VIENNA, AUSTRIA
RNAV SID

Wien Radar (APP) 128.2 Apt Elev 600' Trans level: By ATC 5000' When instructed by WIEN Tower contact WIEN Radar.
 1. Flight tracks are recorded at Vienna airport and aircraft noise is monitored in all relevant populated areas around the airport. Climb with the optimum noise abatement take-off profile appropriate for the particular type of aircraft. Adhere to noise abatement procedure as strictly as possible.
 2. To expedite traffic ATC may request aircraft to start the initial turn VISUALLY as soon as practicable. In this case terrain clearance has to be assured by the pilot up to 2000'.



These SIDs require minimum climb gradients of

SASAL 1A: 298' per NM (4.9%) up to 1300'.
SASAL 1C: 425' per NM (7%) up to 1000'.

Gnd speed-KT	75	100	150	200	250	300
298' per NM	372	496	744	992	1241	1489
425' per NM	532	709	1063	1418	1772	2127

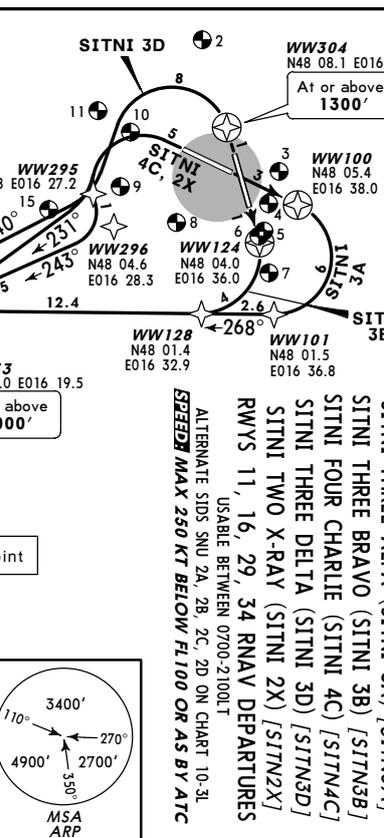
Initial climb clearance 5000'

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

SID	RWY	ROUTING
SASAL 1A	11	WW100 - WW261 - WW282 - SASAL.
SASAL 1B	16	WW124 - WW271 - SASAL.
SASAL 1C	29	(1000'+) - WW296 - WW286 - SASAL.
SASAL 1D	34	WW304 (1300'+) - WW296 - WW282 - SASAL.

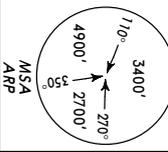
LOWW/VIE
SCHWECHAT
 29 APR 05 (10-3K) **EF 12 MAY**
JEPPESSEN
VIENNA, AUSTRIA
RNAV SID

Wien Radar (APP) 128.2 Apt Elev 600' Trans level: By ATC 5000' When instructed by WIEN Tower contact WIEN Radar.
 1. Flight tracks are recorded at Vienna airport and aircraft noise is monitored in all relevant populated areas around the airport. Climb with the optimum noise abatement take-off profile appropriate for the particular type of aircraft. Adhere to noise abatement procedure as strictly as possible.
 2. To expedite traffic ATC may request aircraft to start the initial turn VISUALLY as soon as practicable. In this case terrain clearance has to be assured by the pilot up to 2000'.



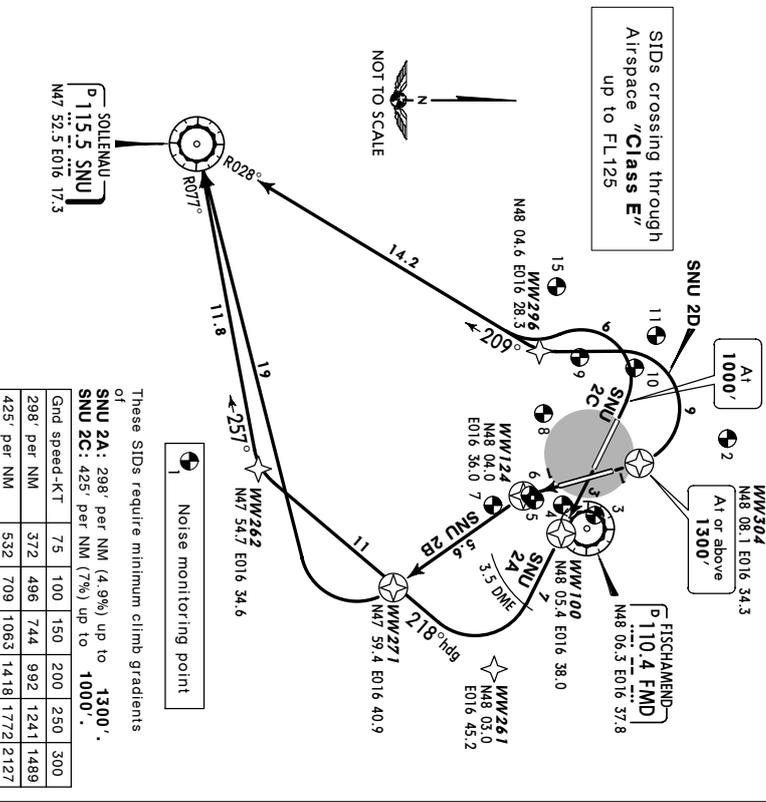
LOWW/VIE
SCHWECHAT
29 APR 05 (10-3L) EFF 12 MAY
JEPPESSEN
VIENNA, AUSTRIA
RNAV SID

WIEN Radar (APP)	128.2	Apt Elev	600'	Trans level: By ATC	Trans alt: 5000'
When instructed by WIEN Tower contact WIEN Radar.			When instructed by WIEN Tower contact WIEN Radar.		



1. Flight tracks are recorded at Vienna airport and aircraft noise is monitored in all relevant populated areas around the airport. Climb with the optimum noise abatement take-off profile appropriate for the particular type of aircraft. Adhere to noise abatement procedure as strictly as possible.
2. To expedite traffic ATC may request aircraft to start the initial turn VISUALLY as soon as practicable. In this case terrain clearance has to be assured by the pilot up to 2000'.

**SOLENNAU TWO ALFA (SNU 2A), SOLENNAU TWO BRAVO (SNU 2B)
SOLENNAU TWO CHARLIE (SNU 2C), SOLENNAU TWO DELTA (SNU 2D)
RWYS 11, 16, 29, 34 RNAV DEPARTURES
SPEED MAX 250 KT BELOW FL100 OR AS BY ATC**



These SIDs require minimum climb gradients of

SNU 2A:	298' per NM (4.9%)	up to 1300'.
SNU 2C:	425' per NM (7%)	up to 1000'.

Gnd speed-KT	75	100	150	200	250	300
298' per NM	372	496	744	992	1241	1489
425' per NM	532	709	1063	1418	1772	2127

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

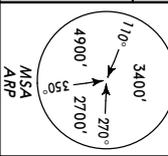
SID	RWY	ROUTING
SNU 2A	11	Climb straight ahead to FMD 3.5 DME, turn RIGHT, 218° heading, intercept SNU R-077 inbound to SNU.
SNU 2B	16	FMS/RNAV: WW124 - WW271 - SNU.
SNU 2C	29	FMS/RNAV: WW100 - WW281 - WW282 - SNU.
SNU 2D	34	FMS/RNAV: (1000'+) - WW296 - SNU.

Initial climb clearance 5000'

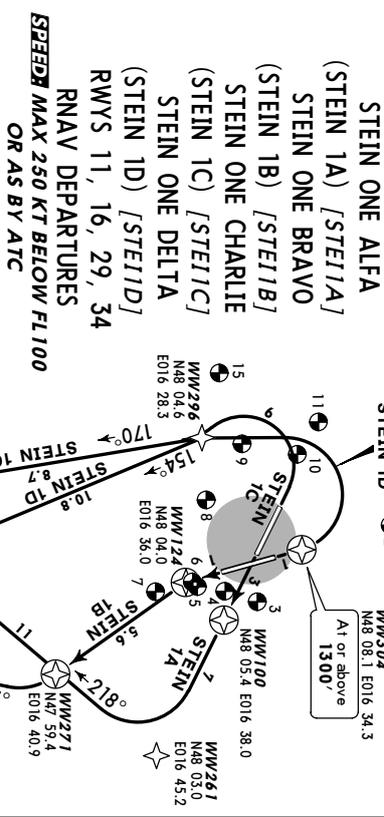
CHANGES: New chart. © JEPPESSEN SANDERSON, INC., 2005. ALL RIGHTS RESERVED.

LOWW/VIE
SCHWECHAT
29 APR 05 (10-3M) EFF 12 MAY
JEPPESSEN
VIENNA, AUSTRIA
RNAV SID

WIEN Radar (APP)	128.2	Apt Elev	600'	Trans level: By ATC	Trans alt: 5000'
When instructed by WIEN Tower contact WIEN Radar.			When instructed by WIEN Tower contact WIEN Radar.		



1. Flight tracks are recorded at Vienna airport and aircraft noise is monitored in all relevant populated areas around the airport. Climb with the optimum noise abatement take-off profile appropriate for the particular type of aircraft. Adhere to noise abatement procedure as strictly as possible.
2. To expedite traffic ATC may request aircraft to start the initial turn VISUALLY as soon as practicable. In this case terrain clearance has to be assured by the pilot up to 2000'.



These SIDs require minimum climb gradients of

STEIN 1A:	298' per NM (4.9%)	up to 1300'.
STEIN 1C:	425' per NM (7%)	up to 1000'.

Gnd speed-KT	75	100	150	200	250	300
298' per NM	372	496	744	992	1241	1489
425' per NM	532	709	1063	1418	1772	2127

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

SID	RWY	ROUTING
STEIN 1A	11	Climb straight ahead to FMD 3.5 DME, turn RIGHT, 218° heading, intercept STEIN R-077 inbound to STEIN.
STEIN 1B	16	FMS/RNAV: WW124 - WW271 - STEIN.
STEIN 1C	29	FMS/RNAV: (1000'+) - WW296 - WW282 - STEIN.
STEIN 1D	34	FMS/RNAV: (1300'+) - WW296 - WW282 - STEIN.

Initial climb clearance 5000'

CHANGES: New chart. © JEPPESSEN SANDERSON, INC., 2005. ALL RIGHTS RESERVED.

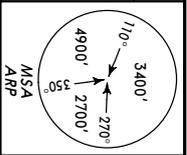
JEPPesen **EF 12 MAY** **RNAV SID**

VIENNA, AUSTRIA

LOWW/VIE
SCHWECHAT

Wien Radar (APP) **128.2** Apt Elev **600'** Trans level: By ATC Trans alt: 5000' When instructed by WIEN Tower contact WIEN Radar.

1. Flight tracks are recorded at Vienna airport and aircraft noise is monitored in all relevant populated areas around the airport. Climb with the optimum noise abatement take-off profile appropriate for the particular type of aircraft. Adhere to noise abatement procedure as strictly as possible.
2. To expedite traffic ATC may request aircraft to start the initial turn VISUALLY as soon as practicable. In this case terrain clearance has to be assured by the pilot up to 2000'.

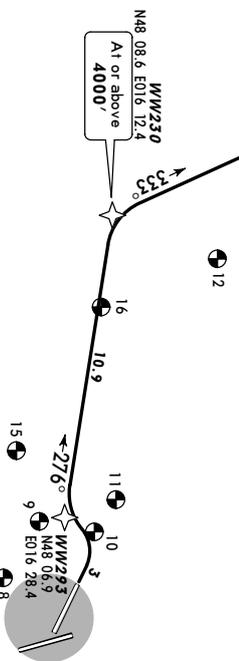
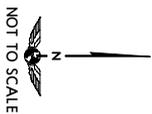


STOCKERAU FOUR CHARLIE (STO 4C)
RWY 29 RNAV DEPARTURE
USABLE BETWEEN 0700-2100LT
ALTERNATE SID SNU 2C ON CHART 10-3L
SPEEDS MAX 250 KT BELOW FL100 OR AS BY ATC



Noise monitoring point

SIDs crossing through Airspace "Class E" up to FL125



This SID requires a minimum climb gradient of 425' per NM (7%) up to 1000'.

Gnd speed-KT	75	100	150	200	250	300
425' per NM	532	709	1063	1418	1772	2127

Initial climb clearance 5000'

ROUTING

(1000' +) - WW293 - WW230 (4000' +) - STO.

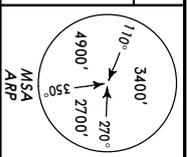
JEPPesen **EF 12 MAY** **RNAV SID**

VIENNA, AUSTRIA

LOWW/VIE
SCHWECHAT

Wien Radar (APP) **128.2** Apt Elev **600'** Trans level: By ATC Trans alt: 5000' When instructed by WIEN Tower contact WIEN Radar.

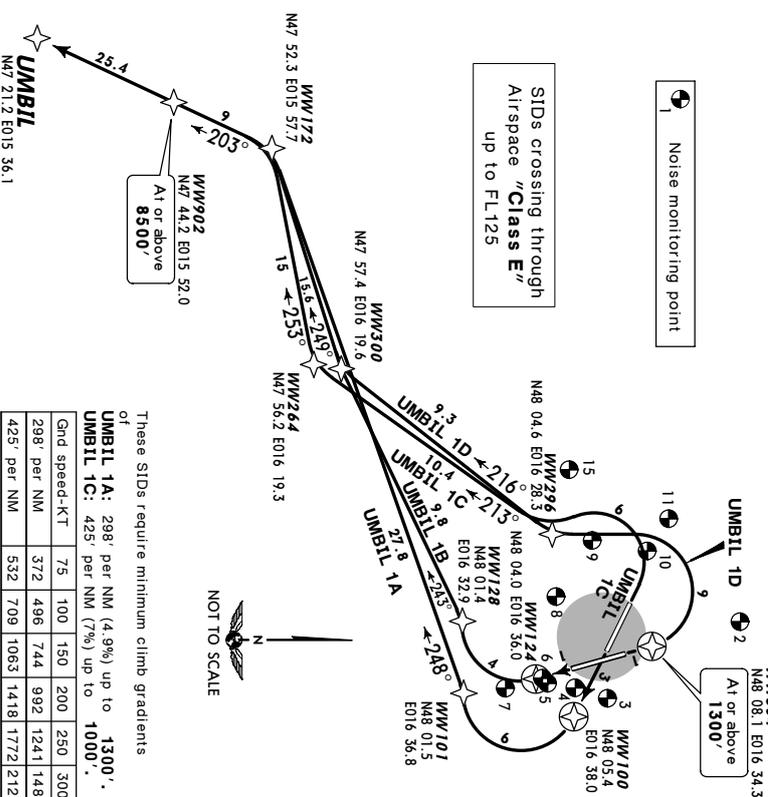
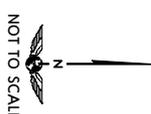
1. Flight tracks are recorded at Vienna airport and aircraft noise is monitored in all relevant populated areas around the airport. Climb with the optimum noise abatement take-off profile appropriate for the particular type of aircraft. Adhere to noise abatement procedure as strictly as possible.
2. To expedite traffic ATC may request aircraft to start the initial turn VISUALLY as soon as practicable. In this case terrain clearance has to be assured by the pilot up to 2000'.



UMBIL ONE ALFA (UMBIL 1A) [UMB11A]
UMBIL ONE BRAVO (UMBIL 1B) [UMB11B]
UMBIL ONE CHARLIE (UMBIL 1C) [UMB11C]
UMBIL ONE DELTA (UMBIL 1D) [UMB11D]
RWYS 11, 16, 29, 34 RNAV DEPARTURES
SPEEDS MAX 250 KT BELOW FL100 OR AS BY ATC

Noise monitoring point

SIDs crossing through Airspace "Class E" up to FL125



These SIDs require minimum climb gradients of
UMBIL 1A: 298' per NM (4.9%) up to 1300'.
UMBIL 1C: 425' per NM (7%) up to 1000'.

Gnd speed-KT	75	100	150	200	250	300
298' per NM	372	496	744	992	1241	1489
425' per NM	532	709	1063	1418	1772	2127

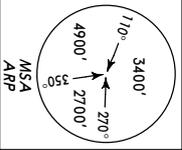
Initial climb clearance 5000'

ROUTING

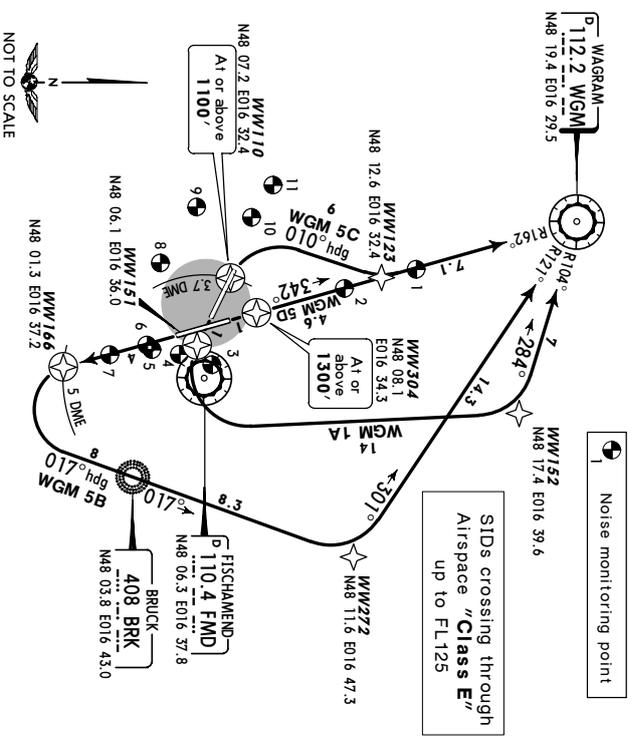
Execute initial turns with MAX 205 KT and a bank angle of at least 20°.

Wien Radar (ARF) 600' Apt Elev 128.2
When instructed by ATC Trans alt: 5000'
Trans alt: 5000'
When instructed by WIEN Tower contact WIEN Radar.

1. Flight tracks are recorded at Vienna airport and aircraft noise is monitored in all relevant populated areas around the airport. Climb with the optimum noise abatement take-off profile appropriate for the particular type of aircraft. Adhere to noise abatement procedure as strictly as possible.
2. To expedite traffic ATC may request aircraft to start the initial turn VISUALLY as soon as practicable. In this case terrain clearance has to be assured by the pilot up to 2000'.



**WAGRAM ONE ALFA (WGM 1A), WAGRAM FIVE BRAVO (WGM 5B)
WAGRAM FIVE CHARLIE (WGM 5C)
WAGRAM FIVE DELTA (WGM 5D)
RWYS 11, 16, 29, 34 RNAV DEPARTURES
SPEED MAX 250 KT BELOW FL100 OR AS BY ATC**



These SIDs require minimum climb gradients of
WGM 1A: 298' per NM (4.9%) up to 1300',
WGM 5B: 352' per NM (5.8%) up to 2000'.

Gnd speed-KT	75	100	150	200	250	300
298' per NM	372	496	744	992	1241	1489
352' per NM	441	587	881	1175	1468	1762

Initial climb clearance 5000'

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

ROUTING

STD RWY

WGM 1A 11 WW151 - WW152 - WGM.
Climb straight ahead to FMD 5 DME, turn LEFT, 017° heading. Intercept WGM R-121 inbound to WGM.

WGM 5B 16 FMS/RNAV: WW166 - BRK - WW272 - WGM.
Climb straight ahead to FMD 3.7 DME (THR RWY 11), turn RIGHT, 010° heading. Intercept WGM R-162 inbound to WGM.

WGM 5C 29 FMS/RNAV: WW110 (+) - WW123 - WGM.
Intercept WGM R-182 inbound to WGM.

WGM 5D 34 FMS/RNAV: WW304 (1300' +) - WGM.

Also usable for non RNAV equipped aircraft.

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CHANGES: New chart.

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CHANGES: Transponder procedures added.

Low Visibility Procedures become effective in two stages in the following conditions:

Stage 1:
When TDZ RVR falls below 1200m and/or ceiling lowers to less than 300'. The following message will be passed to arriving act by RTF or broadcast by ATIS, as appropriate: "Low Visibility Procedures stage 1 in operation". CAT II/III apchs are possible on request. The procedures for LVP stage 2 including protection of sensitive area are applied.

Stage 2:
When TDZ RVR falls below 600m and/or ceiling lowers to less than 200'. The following message will be passed to arriving act by RTF or broadcast by ATIS, as appropriate: "Low Visibility Procedures CAT II/III stage 2 in operation". Arriving act are vectored so as to ensure a localizer intercept is at least 8 NM from threshold. Only if instructed by ATC pilots shall report "runway vacated" as soon as act has left the yellow/green colour coded section of the exit taxiway.

TAXIING OF ARRIVING AIRCRAFT
Aircraft shall vacate the runway after landing without delay if not otherwise instructed. Taxi clearance to apron or parking area will normally be issued by TWR when landing run is completed. If taxi clearance to apron or parking area has not been received at this time, act shall vacate the runway via the nearest taxiway intersection and shall hold and wait on the taxiway when entirely beyond the taxi holding position.

START-UP PROCEDURE
To avoid delays with running engines, pilots shall request permission for start-up from aerodrome control before starting engines. Request for start-up shall be made after all preparations for departure have been made/doors closed. IFR departures shall request the routing clearance 10 minutes prior to intended engine start-up from "Wien Delivery" on 122.12.
If not otherwise instructed pilots of following act are allowed to start one engine only during push-back/towing: B707, B747, B757, B767, B777, MD11, DC10, DC8, L1011, IL86, IL76, IL62, A300, A310, A330. Two engines: A340.

PUSH-BACK PROCEDURE
When push-back is required, such permission shall be requested from Wien Ground on 121.6. Normally pilots are expected to start engines during or after push-back. When it is intended to start engines before push-back, aerodrome control shall be informed accordingly.

TAXI PROCEDURE
Pilots are expected to comply with start-up and taxi permission, since ATC planning is based on strict adherence to the coordinated start-up time. Any delay in start-up or taxiing shall be immediately reported to aerodrome control.

TRANSPONDER PROCEDURES
Arriving aircraft shall squawk mode S until reaching final parking position.
Departing aircraft shall select the correct transponder code and squawk mode S not later than starting the push back procedure commencing taxi. If no push back is required.
Act not equipped with mode S shall squawk mode A/C.

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CHANGES: Transponder procedures added.

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LOWW/VIE



VIENNA, AUSTRIA
SCHWECHAT

6 FEB 04 (10-8A)

AIRPORT INFORMATION

HIRO (HIGH INTENSITY RUNWAY OPERATION) SYSTEM

The HIRO system is valid from 0700 - 2300 LT unless otherwise advised by ATC (e.g. via ATIS). The HIRO system ensures a maximum runway capacity, minimizes "go arounds" and enables departures during single runway operations and continuous inbound traffic.

Arrivals

Expeditions exit from the landing runway allows ATC to separate aircraft with the appropriate separation minimum (radar separation 2,5 NM or separation minimum according wake vortex category) during final approach.

To reduce the runway occupancy time pilots should make use of the following procedure:

- As a rule runways shall be vacated via rapid exit taxiways.
- Whenever runway conditions permit pilots should prepare their landing so as to vacate via the following exit taxiways or earlier:

Aircraft category	Twy designator		
	RWY 11	RWY 16	RWY 29
Heavy	A4	B10	A9
	7841'/2390m	6873'/2095m	7218'/2200m
Medium (Jet)	A6	B8	A7
	6102'/1860m	5577'/1700m	B7
Medium (Turboprops)	A8	B6	B6
	3839'/1170m	3986'/1215m	5479'/1670m
Light (Jet)	A8	B6	A7
	3839'/1170m	3986'/1215m	5479'/1670m
Light	A8	B5	A5
	3839'/1170m	3035'/925m	3084'/940m
			B9
			3937'/1200m

If unable to comply with the HIRO system advise ATC as soon as possible.

Departures

ATC will consider every aircraft at the holding point as able to commence line up and take-off roll immediately after clearance issued. Pilots not ready when reaching the holding point (no aircraft in front on the same taxiway) shall advise ATC as early as possible. When cleared for take-off ATC will expect and has planned on seeing movement within 10 seconds (of take-off clearance being issued). Pilots unable to comply with this requirement shall notify ATC before entering the runway. Wake vortex separation is applied by ATC in accordance with the published requirements. If more separation than the prescribed minima is requested, pilots shall notify ATC **before** entering the runway.

Pilots shall prepare and be ready to accept the following intersection take-off runs:

Aircraft category	Twy designator		
	RWY 11	RWY 16	RWY 29
Medium/	A10	B4	A3 (West)
Light	9531'/2905m	7661'/2335m	9944'/3031m
			B10
			6873'/2095m

To increase runway capacity and to comply with slot times, ATC may reorder departure sequence at any time.

In addition intersections other than those prescribed above will be assigned.

Pilots unable to accept the reduced take-off runs from the assigned or above mentioned intersections shall inform ATC in time.

LOWW/VIE



VIENNA, AUSTRIA
SCHWECHAT

5 NOV 04 (10-8B)

AIRPORT INFORMATION

DE-ICING PROCEDURES FOR ACFT ON MAIN APRON

In order to avoid excessive delay for acft de-icing, a de-icing coordinator is available for all information concerning de-icing.

WIEN Ice
131.62
(TEL.: AIRPORT EXT. 22050)

Pilots are requested to stay on de-icing frequency during entire ground time.

If the necessity for de-icing is obvious because of prevailing WX conditions all acft will be put in the de-icing sequence. All pilots shall contact "Wien Ice" as early as possible to confirm or to cancel the necessity for de-icing, latest 20 min before departure.

PROCEDURE:

1. Report the necessity for de-icing either to your ramp agent or to "WIEN Ice".
2. Report to "WIEN Ice" when the aircraft is completely ready (doors closed, ready for start-up/push-back). Depending on the de-icing stand availability "WIEN Ice" will issue a de-icing number and advise the aircraft to contact ATC.
3. Report ready for start-up/push-back and your de-icing number on "WIEN Delivery". Aircraft taxiing to the de-icing position without following this procedure will not be accepted and sent back to a remote stand. Normally ATC will clear aircraft to the de-icing standby area. (Marshaller guidance to parking positions 61 thru 62 approaching from the South.) If instructed by marshaller car to stop on the de-icing standby area, do not cut engines - intermediate stop only. Thereafter marshaller guidance to the de-icing positions (parking positions 7M thru 7T) is provided.

LOWW/VIE
 Apt Elev **600'**
 N88 06.6 E016 34.2

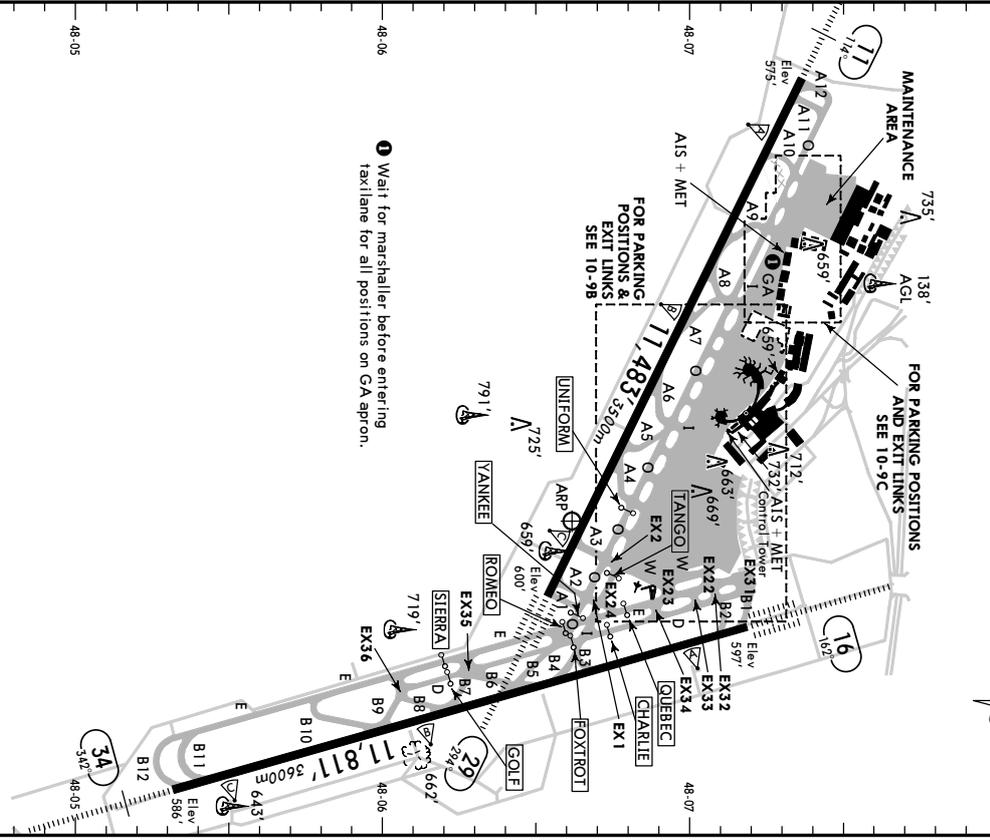
22 OCT 04 **(10-9)**

VIENNA, AUSTRIA
 SCHWECHAT

ATIS Departure	121.72	WIEN Delivery	122.12	*WIEN Ground	121.6	Tower	119.4
16-32		16-33		16-34		16-35	

LEGEND
 A1 Taxiway
 EX35 Exit link

Twy 1 unusable for acft exceeding wingspan of 118 / 30m.



1 Wait for marshaller before entering taxi-lane for all positions on GA apron.



LOWW/VIE
 22 OCT 04 **(10-9A)**
VIENNA, AUSTRIA
 SCHWECHAT

GENERAL
 Rwy's 16 and 29 approved for CAT II/III operations, special aircrew and acft certification required.

RWY	ADDITIONAL RUNWAY INFORMATION				TAKE-OFF	WIDTH
	HIRL (60m) PAP1-L (3.0°)	CL (15m)	ALSF - II REIL TDZ	USABLE LENGTHS LANDING BEYOND Threshold		
11	HIRL (60m) PAP1-L (3.1°)	CL (15m)	ALSF - II REIL TDZ			148' 45m
29	HIRL (60m) PAP1-L (3.0°)	CL (15m)	ALSF - II REIL TDZ			

16	HIRL (60m) T-VASI (3.0°)	CL (15m)	ALSF - II REIL TDZ	RVR	10,810' 3295m	148' 45m
34	HIRL (60m) PAP1-L (3.0°)	CL (15m)	ALSF - II REIL TDZ	RVR	10,925' 3350m	

1 RWY 11/29 grooved.
2 TAKE-OFF RUN AVAILABLE
 RWY 11:
 From rwy head
 twy A11 int 11,483' (3500m)
 twy A10 int 10,938' (3334m)
 twy A9 int 9,531' (2905m)
 twy A8 int 7,218' (2200m)
 twy A7 int 7,057' (2145m)
 twy A6 int 5,479' (1670m)
 twy A5 int 4,528' (1380m)
 twy A4 int 3,084' (940m)
 twy A3 int 2,789' (850m)

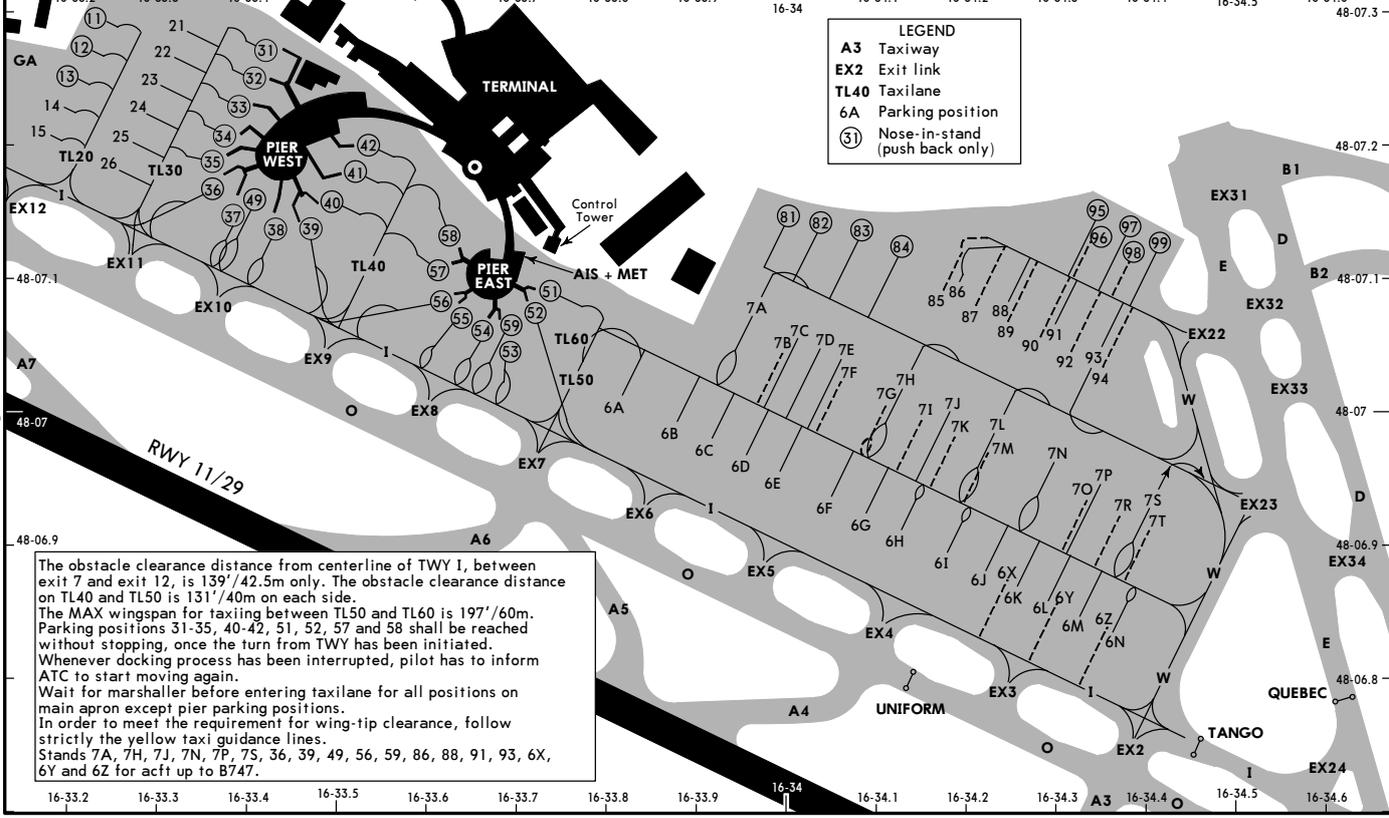
2 RWY 29:
 From rwy head
 twy A1 centerline east int 11,483' (3500m)
 twy A1 centerline west int 11,296' (3443m)
 twy A2 int 11,066' (3373m)
 twy A3 centerline east int 10,978' (3346m)
 twy A3 centerline west int 10,174' (3101m)
 twy A4, A5 int 9,944' (3051m)
 twy A4, A5 int 7,841' (2390m)
 twy A6 int 6,102' (1860m)
 twy A7 int 5,118' (1560m)
 twy A8 int 3,839' (1170m)
 twy A9 int 3,396' (1035m)

3 RWY 16/34 grooved 66'/20m on each side of center line.
4 TAKE-OFF RUN AVAILABLE
 RWY 16:
 From rwy head 11,811' (3600m)
 twy B2 int 11,007' (3355m)
 twy B4 int 7,661' (2335m)
 twy B6 int 6,935' (2120m)
 twy B5 int 6,385' (1940m)
 twy B8 int 5,381' (1640m)
 twy B7 int 5,348' (1630m)
 twy B9 int 3,937' (1200m)

3 RWY 34:
 From rwy head 11,811' (3600m)
 twy B11 int 10,947' (3335m)
 twy B9 int 7,251' (2210m)
 twy B10 int 6,875' (2095m)
 twy B8 int 5,840' (1780m)
 twy B5 int 5,577' (1700m)
 twy B5 int 4,577' (1395m)
 twy B6 int 3,986' (1215m)
 twy B3 int 3,035' (925m)

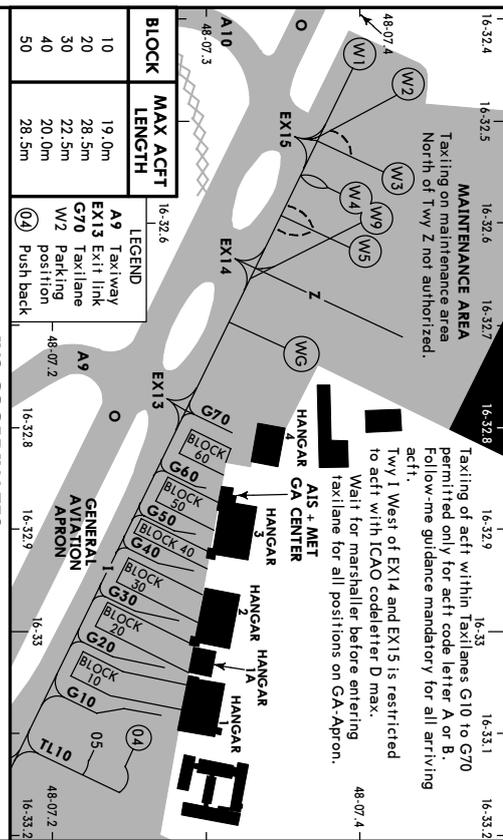
JAR-OPS	TAKE-OFF 1			
	Approved Operators HIRL, CL & multi: RVR req	LVP must be In Force RL, CL & multi: RVR req	All Rwy's RL & CL	RCLM (DAY only) or RL
A	125m	150m	200m	250m
B	150m	200m	250m	300m
C	200m	250m	300m	400m
D	300m	400m	500m	NIL (DAY only)

1 Operators applying U.S. Ops Specs: CL required below 300m; approved guidance system required below 150m.



LEGEND
A3 Taxiway
EX2 Exit link
TL40 Taxiway
6A Nose-in-stand (push back only)
31 Parking position (push back only)

The obstacle clearance distance from centerline of TWY I, between exit 7 and exit 12, is 139'/42.5m only. The obstacle clearance distance on TL40 and TL50 is 131'/40m on each side. The MAX wingspan for taxiing between TL50 and TL60 is 197'/60m. Parking positions 31-35, 40-42, 51, 52, 57 and 58 shall be reached without stopping, once the turn from TWY has been initiated. Whenever docking process has been interrupted, pilot has to inform ATC to start moving again. Wait for marshaller before entering taxiway for all positions on main apron except pier parking positions. In order to meet the requirement for wing-tip clearance, follow strictly the yellow taxi guidance lines. Stands 7A, 7H, 7J, 7N, 7P, 7S, 36, 39, 49, 56, 59, 86, 88, 91, 93, 6X, 6Y and 6Z for acft up to B747.

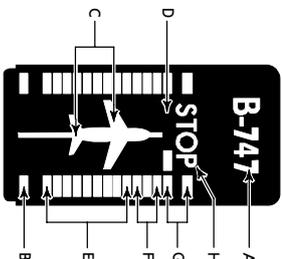
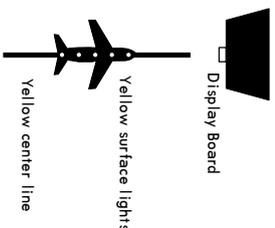


VISUAL DOCKING GUIDANCE SYSTEM (SAFE GATE) PIER EAST

ROUTINE DOCKING MANOEUVRE

1. Line-up to center actf symbol with yellow reference bar.
2. Check actf type displayed (flashing).
3. Check green bottom lights (flashing).
4. When nose gear passes over first sensor, actf type display and green bottom lights will both change from flashing to steady.
5. Green closing lights will move upwards in relation to actual actf speed.
6. At 3 meters before stop position yellow lights will illuminate.
7. Reaching the stop position, all 4 red lights will illuminate current with the display command "STOP".
8. If correctly positioned "OK" will be displayed. Beyond 0,5 meter of the nominal stop position, a warning will be displayed in a flashing mode "TOO FAR".

EMERGENCY STOP: All 4 red stop position lights and "STOP" at full brilliance with flash.



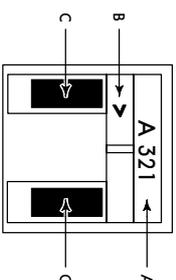
FORM OF DISPLAY	INDICATION FOR
A: Alphanumerical	Actf type (preselcted) final stop confirmation
B: Green bottom lights	Permission to enter gate
C: Yellow bar/actf symbol	Azimuth guidance (parallax)
D: Pair of green lights	Stop position reference
E: Vertical row of green lights	Closing rate to stop position. Each light corresponds to an inductive loop spaced at 1 meter intervals
F: 3 pairs of yellow lights	Nosegear 3 meters before stop position
G: 2 pairs of red lights	Stop position reached
H: Alphanumerical	Stop command
	The taxiing speed determines the closing rate

VISUAL DOCKING GUIDANCE SYSTEM (SAFE GATE) PIER WEST

ROUTINE DOCKING MANOEUVRE

1. Check that the correct aircraft type is displayed.
2. The "floating" arrows indicate that the system is activated.
3. Follow lead-in line.
4. When the two vertical closing rate fields turn yellow the aircraft is caught by the laser and being identified.
5. Watch the red arrows in relation to the yellow centre line indicator for correct azimuth guidance.
6. When the aircraft is 12m from the stop position, the closing rate starts indication of distance to go by turning of one pair of LEDs for each meter the aircraft advances into the gate.
7. When the correct stop position is reached, the display will show "STOP" and the azimuth field will turn red. All yellow closing rate LEDs will be switched off.
8. When the aircraft is correctly parked "OK" will be displayed after a few seconds.
9. After "CHOCK/ON" will be displayed for the next 3 minutes.

EMERGENCY STOP: "STOP" with a red bar will appear on the display.



FORM OF DISPLAY	INDICATION FOR
A: ALPHANUMERICAL	(preselcted) Calibration procedure
Actf type	System error
WAIT /TEST	System error (communication error with system)
ERROR	Not allowed object within scanning range when system starts - stand not usable
ERR ID	Not allowed object within scanning range - stop
GATE/BLOCK	Identification failed - stop
WAIT /STOP	Taxiing speed too high
ID FAIL/STOP	Too far of centre line within last 3m to stop position
SLOW/DOWN	Emergency stop
SBU/STOP	STOP followed by OK
STOP	Correct stop position
STOP /ABORT	Docking is interrupted by gate operator
TOO FAR	Actf has overshoot the stop position (more than 1m)
CHOCK/ON	(disappears after 3 min)

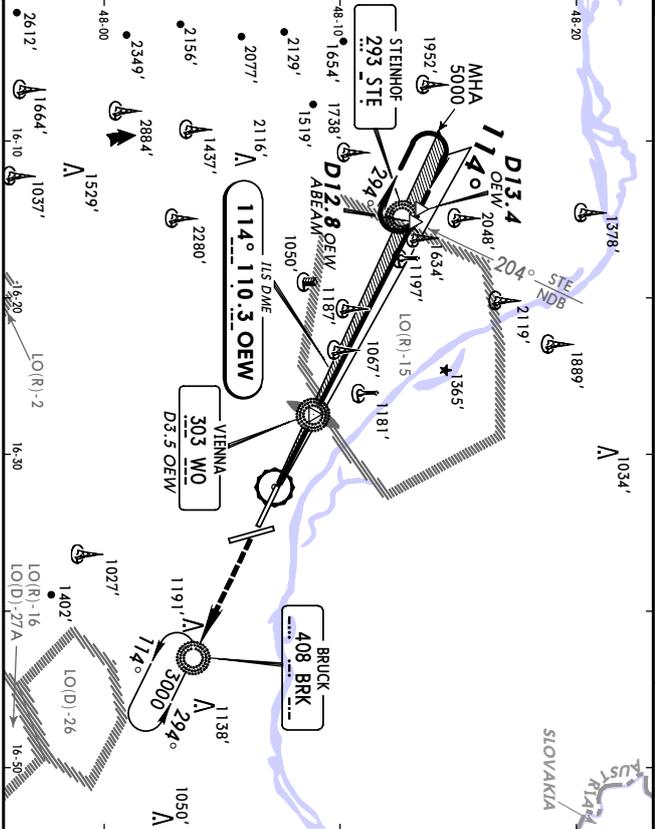
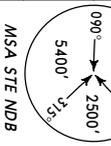
B: AZIMUTH GUIDANCE
 (Laser scanning technique) for use by the pilots occupying both the left and right seats.

C: CLOSING RATE INFORMATION

LOWW/VIE
SCHWECHAT
 19 NOV 04 **(1-1) EFF 23 NOV**
VIENNA, AUSTRIA
IIS RWY 11

ATIS (Arrival)		WIEN Radar (APP)		WIEN Director		WIEN Tower		*Ground	
122.95	112.2	113.0	115.5	128.2	124.55	129.05	119.8	119.4	121.6
LOC OEW	Final	Apch Crs	GS	DA(H)	Apr Elev	600'			
110.3	114°	1770' (1195')	775' (200')	775' (200')	RWY 575'				

MISSED APCH: Climb STRAIGHT AHEAD to BRK NDB to 3000' and hold.
 MSA STE NDB



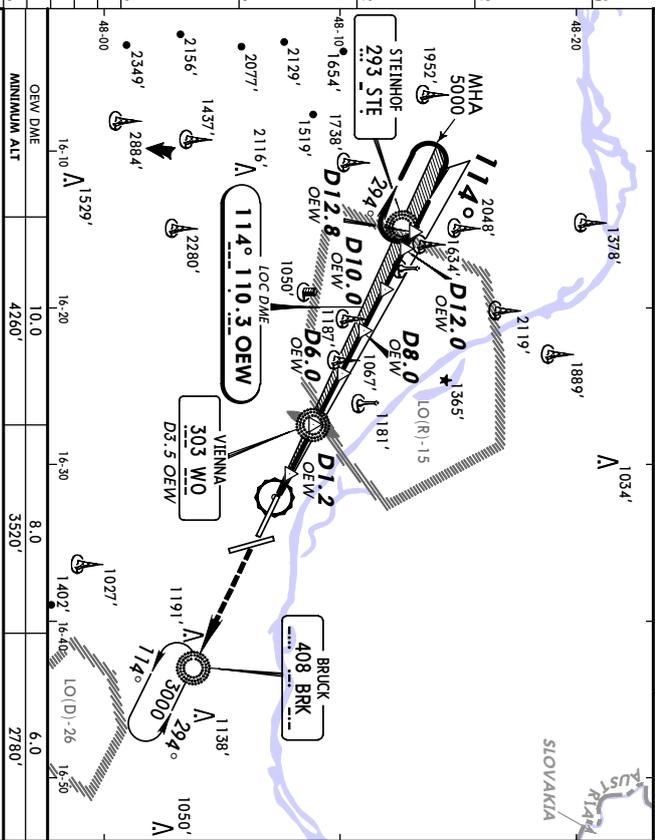
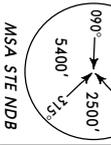
Grnd speed-Kts	70	90	100	120	140	160	HAAS	3000'	BRK	
IIS GS 3.10° or	390	501	557	668	779	891			408	
LOC Descent Gradient	5.4%									
LOM to MAP	3.4 2:55 2:16 2:02 1:42 1:27 1:16									

JAR OPS
 STRAIGHT-IN LANDING RWY 11
 LOC (GS out)
 DA(H) **775' (200')**
 FULL ALS out
 MDA(H) **1200' (625')**
 ALS out
 MDA(H) **1250' (650')**
 VIS
 RVR 1000m
 RVR 1500m
 RVR 1200m
 RVR 2000m
 RVR 550m
 RVR 1000m
 RVR 1600m
 RVR 2000m
 205

LOWW/VIE
SCHWECHAT
 19 NOV 04 **(1-1A) EFF 23 NOV**
VIENNA, AUSTRIA
Special LOC DME RWY 11

ATIS (Arrival)		WIEN Radar (APP)		WIEN Director		WIEN Tower		*Ground	
122.95	112.2	113.0	115.5	128.2	124.55	129.05	119.8	119.4	121.6
LOC OEW	Final	Minimum Alt	MDA(H)	Apr Elev	600'				
110.3	114°	1900' (1325')	1000' (425')	RWY 575'					

MISSED APCH: Climb STRAIGHT AHEAD to BRK NDB to 3000' and hold.
 MSA STE NDB



Grnd speed-Kts	70	90	100	120	140	160	HAAS	3000'	BRK	
Descent Gradient	6.1%									
MAP at D1.2 OEW	432 556 618 741 865 988									

JAR OPS
 STRAIGHT-IN LANDING RWY 11
CEILING REQUIRED
 MDA(H) **1000' (425')**
 ALS out
 MDA(H) **1250' (650')**
 VIS
 RVR 1000m
 RVR 1500m
 RVR 1200m
 RVR 2000m
 RVR 550m
 RVR 1000m
 RVR 1600m
 RVR 2000m
 205

LOWW/VIE
SCHWECHAT

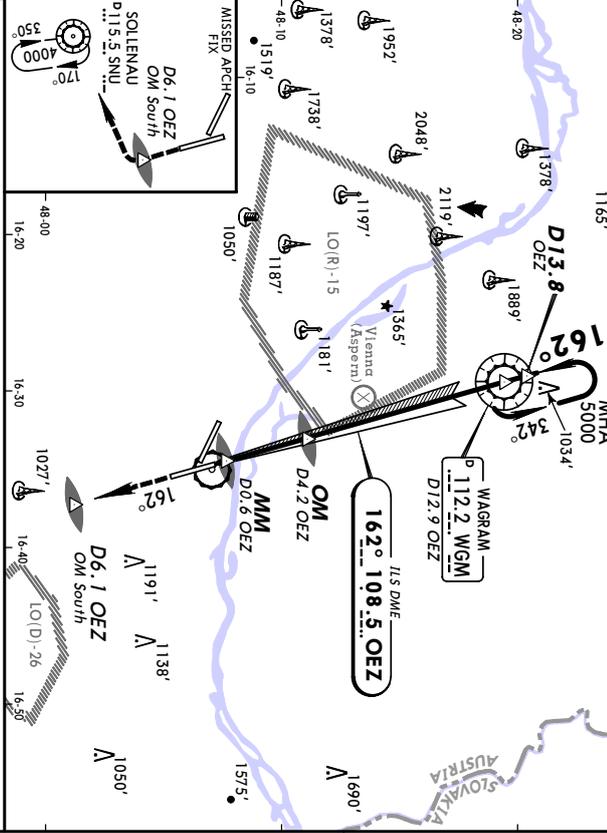
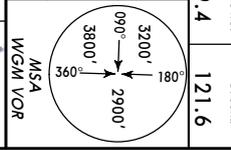
19 NOV 04 **11-2** **JEPPSEN** **NOV**

VIENNA, AUSTRIA
IIS RWY 16

ATIS (Arrival)		WIEN Radar (APP)		WIEN Director		WIEN Tower		*Ground	
122.95	112.2	113.0	115.5	128.2	124.55	129.05	119.8	119.4	121.6
LOC OZ	Final	GS OM	DA(H)	Apr Elev 600'					
108.5	162°	1956' (1359')	797' (200')	RWY 597'					

MISSED ARCH: Climb STRAIGHT AHEAD on R-162 WGM to D6.1 OZ, then turn RIGHT to SNU VOR climbing to 4000' and hold.

Alt Set: hPa Rwy Elev: 22 hPa Trans level: By ATC Trans alt: 5000' IIS DME reads zero at rwy 16 touchdown.



Grnd speed/Kts	70	90	100	120	140	160	AltSE-II	D6.1	WGM
IIS GS 3.00° or	377	485	539	647	755	862	REL	112.2	
LOC Descrnt Gradient 5.2%							PAPI	112.2	
OM to MAP	4.0	3.26	2.240	2.24	2.00	1.43	1.30	R-162	

JAR OPS		STRAIGHT-IN LANDING RWY 16		CIRCLE-TO-LAND	
DA(H)	797' (200')	MDA(H)	1320' (723')	DA(H)	1350' (750')
FULL	ALS out	ALS out		ALS-II	
A	RVR 1200m	100	1250' (650')	100	1500m
B	RVR 550m	135	1250' (650')	135	1600m
C	RVR 1000m	180	1350' (750')	180	2400m
D	RVR 1800m	205	1350' (750')	205	3600m

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LOWW/VIE
SCHWECHAT

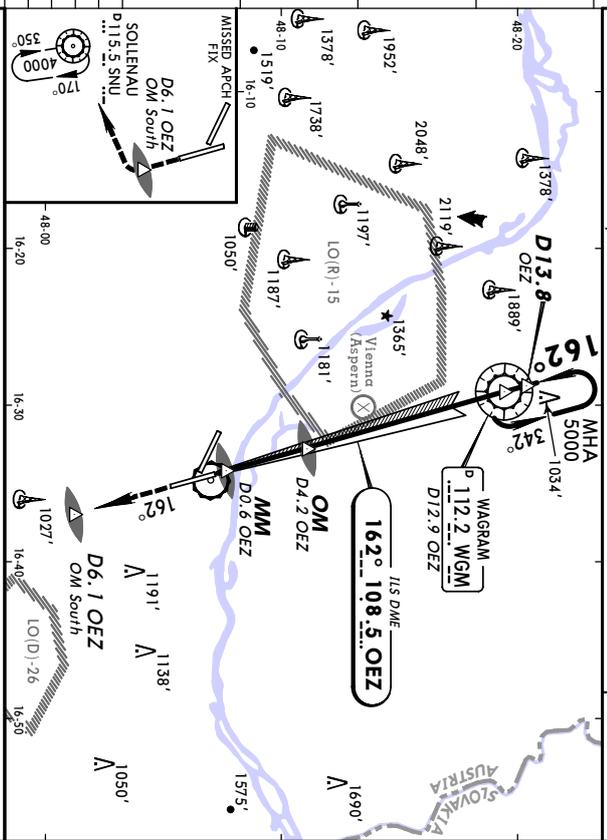
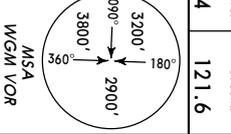
19 NOV 04 **11-2A** **JEPPSEN** **NOV**

VIENNA, AUSTRIA
CAT II IIS RWY 16

ATIS (Arrival)		WIEN Radar (APP)		WIEN Director		WIEN Tower		*Ground	
122.95	112.2	113.0	115.5	128.2	124.55	129.05	119.8	119.4	121.6
LOC OZ	Final	GS OM	RA IIS	Apr Elev 600'					
108.5	162°	1956' (1359')	RA 104'	RWY 597'					
		DA(H) 697' (1100')							

MISSED ARCH: Climb STRAIGHT AHEAD on R-162 WGM to D6.1 OZ, then turn RIGHT to SNU VOR climbing to 4000' and hold.

Alt Set: hPa Rwy Elev: 22 hPa Trans level: By ATC Trans alt: 5000' I. Special Aircrew & Act Certification Required. 2. IIS DME reads zero at rwy 16 touchdown.



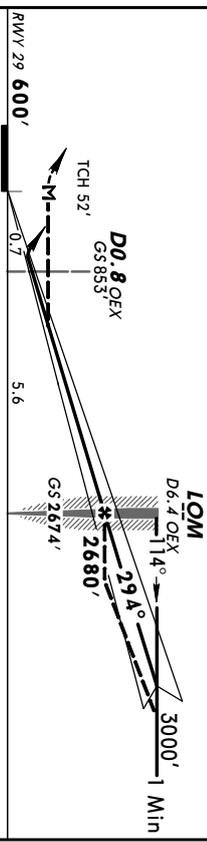
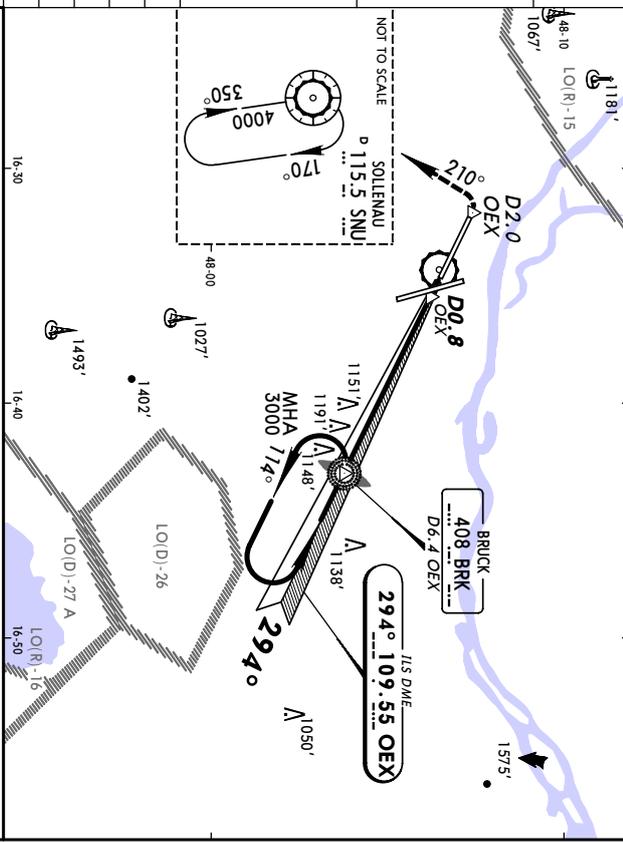
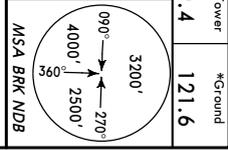
Grnd speed/Kts	70	90	100	120	140	160	AltSE-II	D6.1	WGM
GS 3.00°	377	485	539	647	755	862	REL	112.2	
						PAPI	112.2		
		STRAIGHT-IN LANDING RWY 16		CAT II IIS					
DA(H)	ABCD	RA 104'							
	697' (1100')								
		RVR 300m							

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LOWW/VIE
SCHWECHAT

JEPPESEN
17 JUN 05 (1-3)
VIENNA, AUSTRIA
IIS RWY 29

ATIS Arrival		WIEN Radar (APP)		WIEN Director		WIEN Tower		*Ground	
122.95	112.2	113.0	115.5	128.2	124.55	129.05	119.8	119.4	121.6
LOC OEX	Final	GS	D(A/H)	Apr Elev					
109.55	294°	267.4' (2074')	800' (200')	600'					
MISSED APCH: Climb STRAIGHT AHEAD to D2.0 OEX, then turn LEFT to VOR climbing to 4000' and hold.									
Alt Set: hPa		Rwy Elev: 22 hPa		Trans level: By ATC		Trans alt: 5000'		MSA BRK NDB	



Grnd speed-Kts	70	90	100	120	140	160	ASE-II REL PAPI	ASE-II OEX	SNU
IIS GS 3.00' or LOC Descent Gradient	377	485	539	647	755	862		D2.0	4000'
LOM to MAP	6.3	5.24	4.12	3.47	3.09	2.42	2.22		115.5

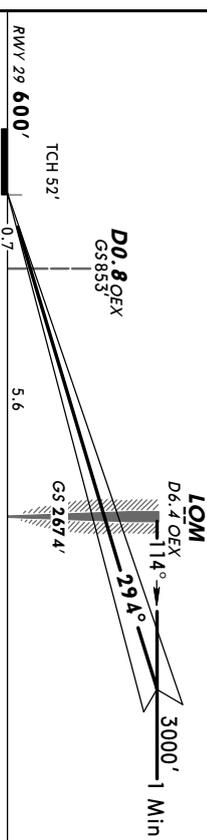
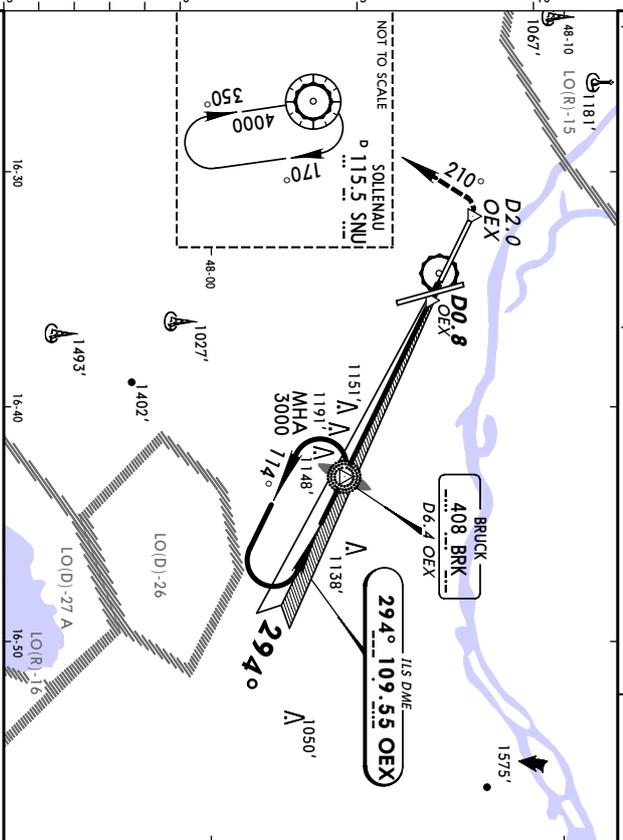
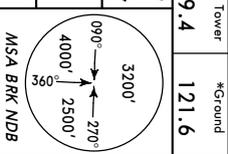
JAR OPS		IIS		CIRCLE-TO-LAND	
STRAIGHT-IN LANDING RWY 29		LOC (GS out)			
DA(H) 800' (200')		MDA(H) 1200' (600')			
FULL ALS out		ALS out			
A	RVR 1000m	100	1250' (650')	1500m	VIS
B	RVR 550m	135	1250' (650')	1600m	
C	RVR 1000m	180	1350' (750')	2400m	
D	RVR 1600m	205	1350' (750')	3600m	

CHANGES: LOC frequency. MM withdrawn.

LOWW/VIE
SCHWECHAT

JEPPESEN
17 JUN 05 (1-3A)
VIENNA, AUSTRIA
CAT II IIS RWY 29

ATIS Arrival		WIEN Radar (APP)		WIEN Director		WIEN Tower		*Ground	
122.95	112.2	113.0	115.5	128.2	124.55	129.05	119.8	119.4	121.6
LOC OEX	Final	GS	D(A/H)	Apr Elev					
109.55	294°	267.4' (2074')	RA 98' (700' (100'))	600'					
MISSED APCH: Climb STRAIGHT AHEAD to D2.0 OEX, then turn LEFT to VOR climbing to 4000' and hold.									
Alt Set: hPa		Rwy Elev: 22 hPa		Trans level: By ATC		Trans alt: 5000'		MSA BRK NDB	
		Special Aircrew & Actt Certification Required.							



Grnd speed-Kts	70	90	100	120	140	160	ASE-II REL PAPI	ASE-II OEX	SNU
GS 3.00'	377	485	539	647	755	862		D2.0	4000'
STRAIGHT-IN LANDING RWY 29		CAT II IIS							
ABCD		RA 98'							
DA(H) 700' (100')									

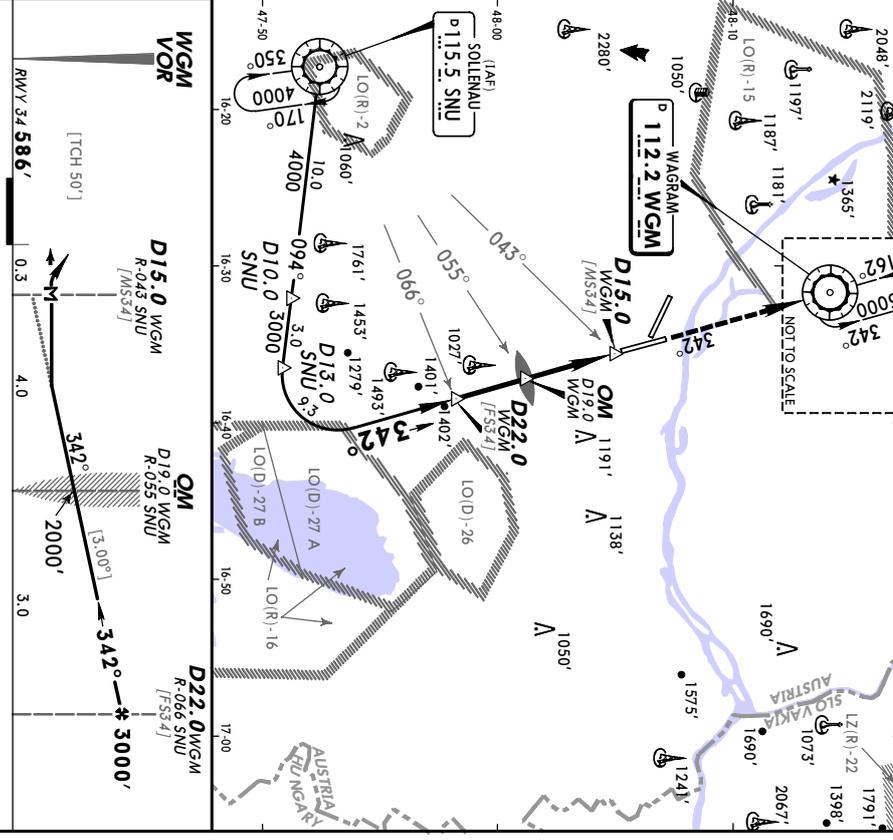
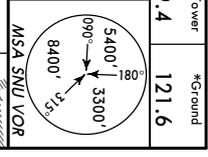
JAR OPS		STRAIGHT-IN LANDING RWY 29	
CAT II IIS			
RVR 300m			

CHANGES: LOC frequency. MM withdrawn.

LOWW/VIE
SCHWECHAT
 29 APR 05 (3-2) **EFT 12 MAY**
VIENNA, AUSTRIA
VOR Rwy 34

ATIS (Arrival)		WIEN Radar (APP)		WIEN Director		WIEN Tower		*Ground
122.95	112.2	113.0	115.5 128.2	124.55	129.05	119.8	119.4	121.6
VOR	Final	Minimum Alt	MDA(H)	Apt Elev				
WGM	Apch Crs	D22.0 WGM R-066 SNU	1150' (564')	Rwy 586'				
112.2	342°	3000' (2414')						

MISSED APCH: Climb STRAIGHT AHEAD on R-162 WGM inbound to WGM VOR to 5000' and hold.
 Air Sert: Hpa Rwy Elev: 21 Hpa Trans level: By ATC Trans alt: 5000'

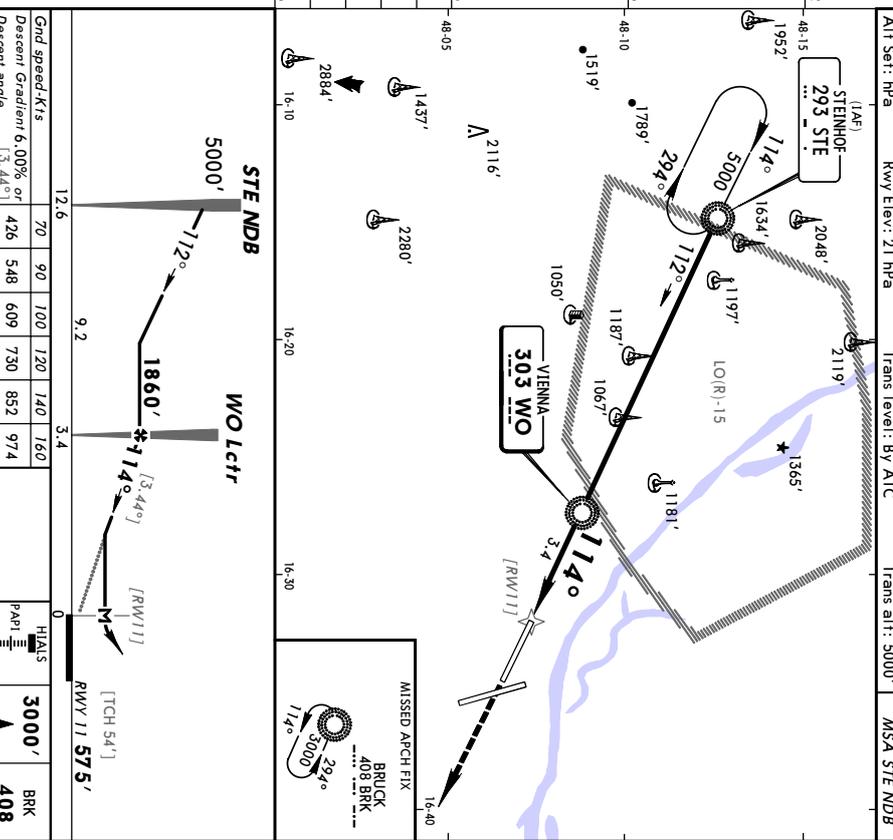
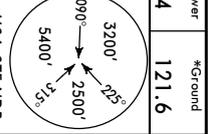


JAR-OPS		STRAIGHT-IN LANDING Rwy 34		CIRCLE-TO-LAND						
MAP at D15.0 WGM or R-043 SNU		MDA(H) 1150' (564')		AIS out						
GRD speed-Kts		70	90	100	120	140	160	Max Kts	MDA(H)	VIS
Descent Gradient 5.24% or Descrnt angle [3.00°]		378	486	540	648	755	863	5000'	112.2	112.2
MAP at D15.0 WGM or R-043 SNU		STRAIGHT-IN LANDING Rwy 34		CIRCLE-TO-LAND		HIAS RET. (PNT)		5000'	112.2	112.2
JAR-OPS		STRAIGHT-IN LANDING Rwy 34		CIRCLE-TO-LAND		HIAS RET. (PNT)		5000'	112.2	112.2
JAR-OPS		STRAIGHT-IN LANDING Rwy 34		CIRCLE-TO-LAND		HIAS RET. (PNT)		5000'	112.2	112.2

LOWW/VIE
SCHWECHAT
 29 APR 05 (6-1) **EFT 12 MAY**
VIENNA, AUSTRIA
NDB Rwy 11

ATIS (Arrival)		WIEN Radar (APP)		WIEN Director		WIEN Tower		*Ground
122.95	112.2	113.0	115.5 128.2	124.55	129.05	119.8	119.4	121.6
Lctr	Final	Minimum Alt	MDA(H)	Apt Elev				
WO	Apch Crs	WO Lctr	1200' (625')	Rwy 575'				
303	114°	1860' (1285')						

MISSED APCH: Climb STRAIGHT AHEAD to BRK NDB to 3000' and hold.
 Air Sert: Hpa Rwy Elev: 21 Hpa Trans level: By ATC Trans alt: 5000'



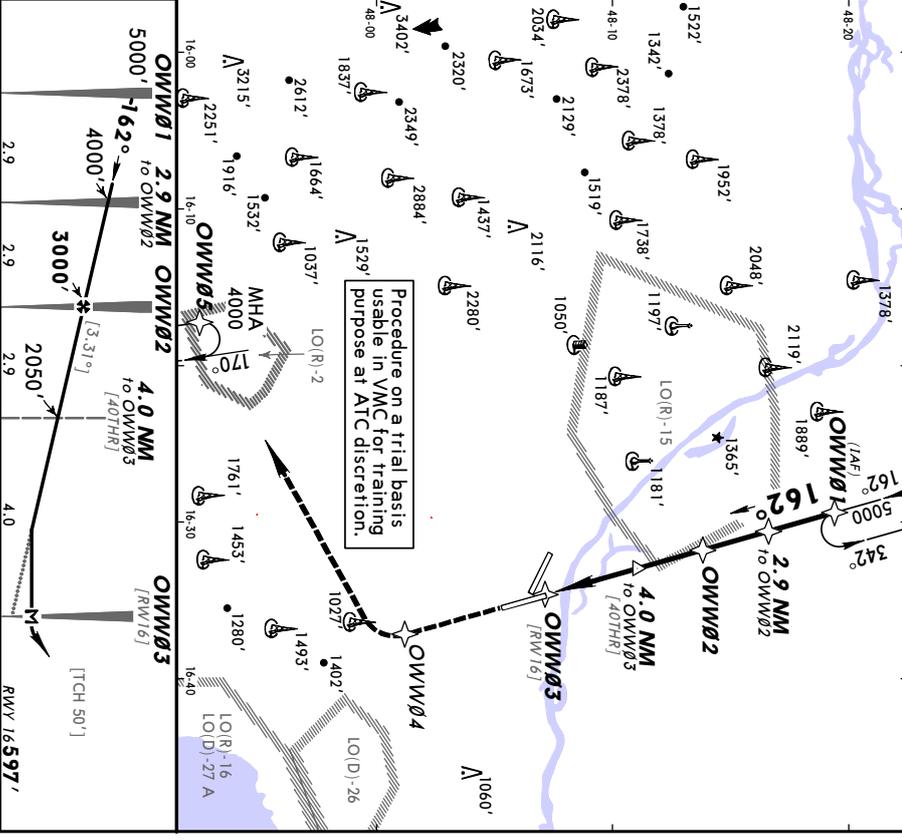
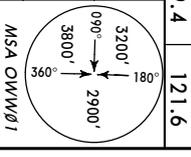
JAR-OPS		STRAIGHT-IN LANDING Rwy 11		CIRCLE-TO-LAND						
MAP at MAP		MDA(H) 1200' (625')		AIS out						
GRD speed-Kts		70	90	100	120	140	160	Max Kts	MDA(H)	VIS
Descent Gradient 6.00% or Descrnt angle [3.44°]		426	548	609	730	852	974	3000'	BRK	408
MAP at MAP		STRAIGHT-IN LANDING Rwy 11		CIRCLE-TO-LAND		HIAS RET. (PNT)		3000'	BRK	408
JAR-OPS		STRAIGHT-IN LANDING Rwy 11		CIRCLE-TO-LAND		HIAS RET. (PNT)		3000'	BRK	408

LOWW/VIE **JEPPISEN** **VIENNA, AUSTRIA**
SCHWECHAT 29 AUG 03 **(18-10)** **GPS Rwy 16**

ATIS (Arrival)		WEN Radar (App) (up to Ft. 245)		WEN Director	WEN Tower	*Ground	
122.95	112.2	113.0	115.5/128.2	124.55	129.05	119.8	
GPS		Final Aptch Crs 162°	Minimum Alt OWW02 3000' (2403')	MDA(H) 980' (385')	Apt Elev 600'	RWY 597'	121.6

MISSED APCH: Climb STRAIGHT AHEAD to OWW04, then turn RIGHT to OWW05 climbing to 4000' and hold.

All Set: hPa Rwy Elev: 22 hPa Trans level: By ATC Trans alt: 5000' MSA OWW01



Grid speed Kts		70	90	100	120	140	160	HAAS			
Descent Gradient 5.78% or		410	527	586	703	820	937	REIL	OWW04		
Descent angle 3.31°								T-VASI	RT	OWW05	
MAP at OWW03								CIRCLE-TO-LAND			
STRAIGHT-IN LANDING RWY 16											
MDA(H) 980' (385')											
ALS out											
Max Kts											
A								MDA(H) 1200' (600')			
B								135 1250' (650')			
C/D								180/205 1550' (950')			
5.0 km								5.0 km			
5.0 km								5.0 km			