

GENERAL**Operational Hours****ATS Hours:** H24**AD ADMIN Hours**

MON-FRI 0830-1630±

Ramadan 0900-1430±

Permanence H24

Airport Information**RFF:** CAT 7**PCN:** RWY 06/24: 53/F/B/W/T, RWY 13/31: 82/F/B/W/T**Operation****RWY Restriction**

For ACFT with MLW of 40t / 88185lbs, 180°-turn only possible on turning pad RWY 24.

Warnings

Birds in vicinity of AD.

ARRIVAL**Communication****COM Failure**

Follow authorized or planned STAR. In case of radar guidance, proceed to initial STAR.

Observe the published FL and speed requirements. Proceed to IAF at the last assigned LVL acknowledged, if this LVL is AVBL in HLDG pattern, otherwise at the highest LVL in HLDG pattern.

Stay in HLDG pattern at this LVL until the latest time as follows:

- EAT
- Arrival time in HLDG pattern +10min
- descend in HLDG pattern to FL75
- Leave IAF at this LVL to perform the known or estimated APCH

Arrival Procedure**Non-standard GP intercept position on****RWY 13**

GP intercepts RWY 13 at 354m / 1161ft after landing threshold.

Remain LDG DIST beyond GP is 2646m / 8682ft.

RWY 06

GP intercepts RWY 06 at 305m / 1002ft after landing threshold.

Remain LDG DIST beyond GP is 2695m / 8841ft.

DEPARTURE

Take-off Minima

RWY		06/24	
All ACFT	ft - m/km	0 - 400R/400V	-
RWY		13/31	
All ACFT	ft - m/km	0 - 400V	-

Communication

COM Failure

In VMC:

Turn back and land at AD using circuit west of AD.

In IMC:

Go through with the flight until TMA limits and comply with DEP routing (SID) at the latest assigned LVL, then climb to cruising LVL. If the latest assigned LVL is not compatible with MNM safety ALT, climb up to cruising LVL.

Departure Procedure

DEP PROC RWY 24: RT after TKOF.

Effective 29-MAR-2018

22-MAR-2018

OUD-GMFO

Morocco Oujda Angads Intl

AGC

AFC

AFC

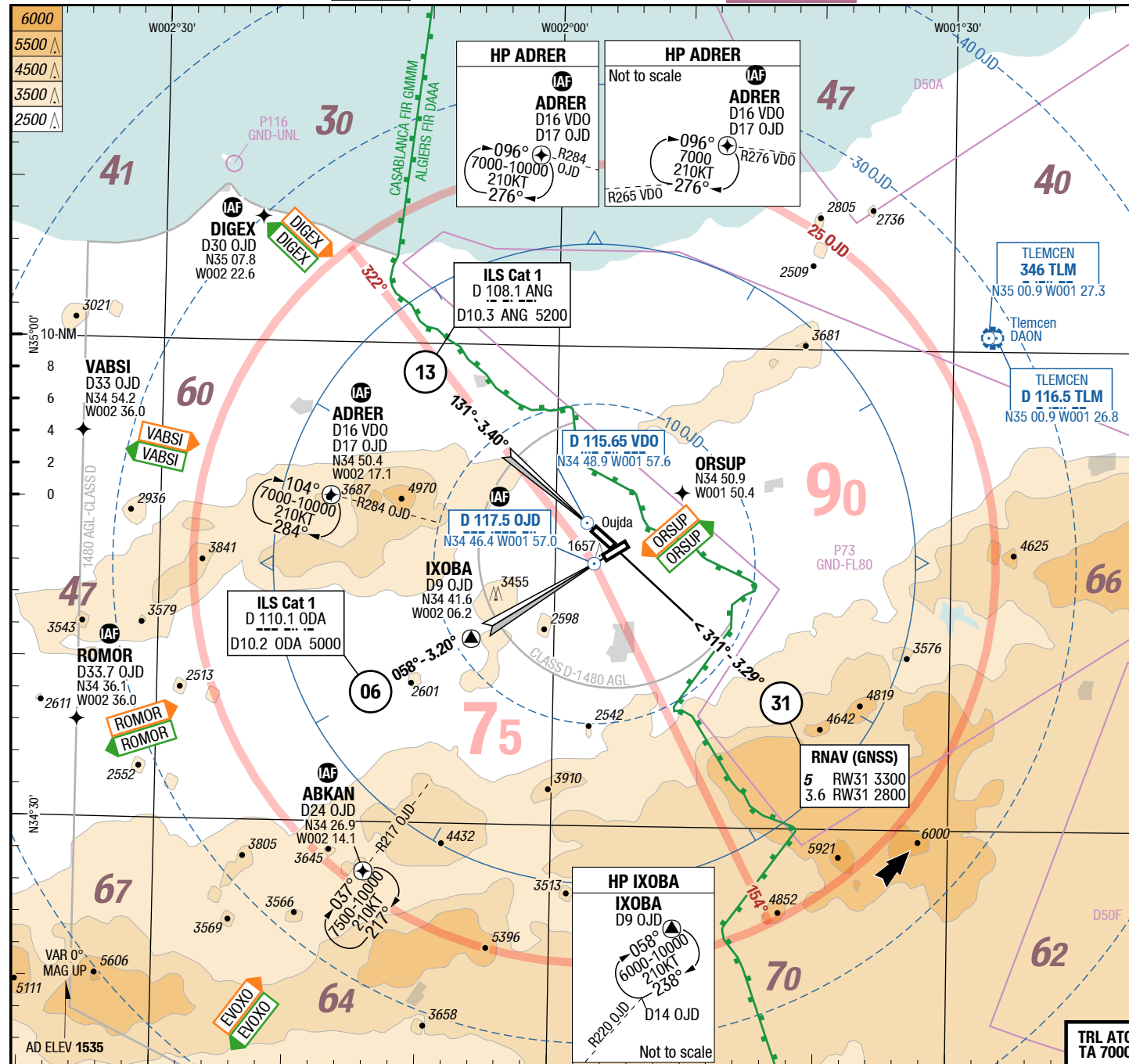
AFC

Angads Intl Oujda Morocco

AGC

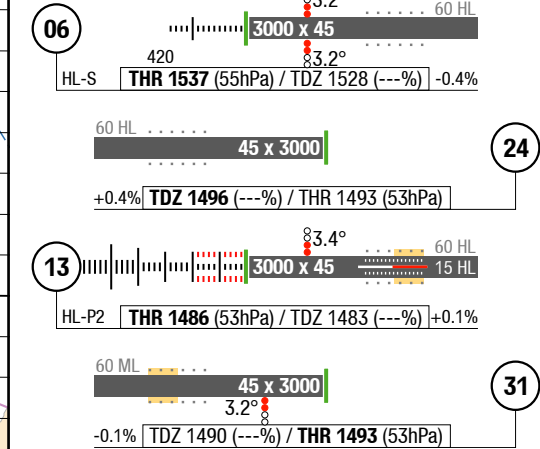
AFC

2-10



D-ATIS 121.600
APP 136.600
TWR 118.200

Landing RWY system:



Changes: APL, FAT, VAR

Effective 29-MAR-2018

22-MAR-2018

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AGC

AGC

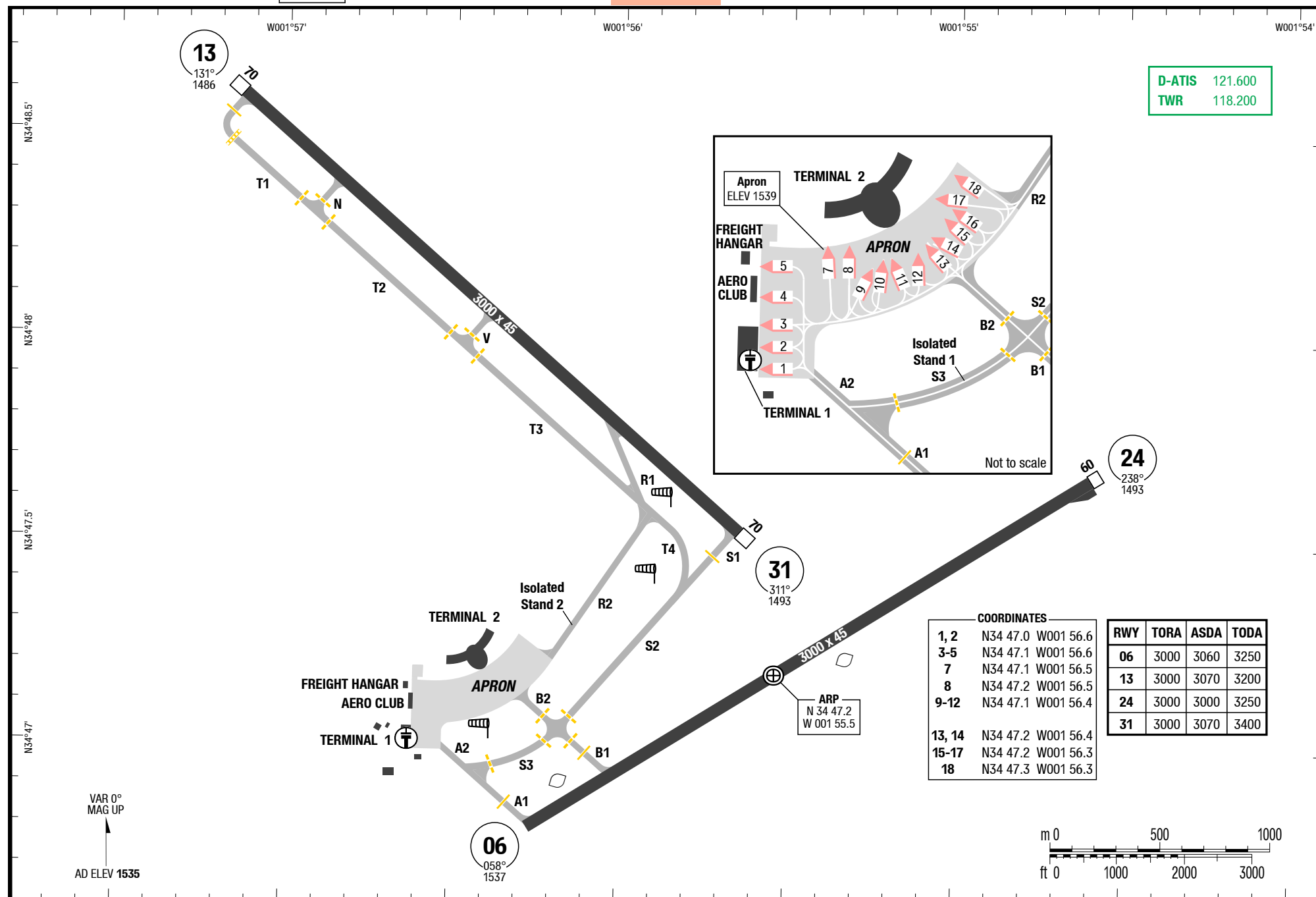
AGC

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AGC

3-20

D-ATIS 121.600
TWR 118.200



Changes: HLDG POS, QFU, RVR, THR ELEV, VAR, WDI

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22-MAR-2018

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SIDs RWY 06

4-10

RNAV SIDs RWY 31

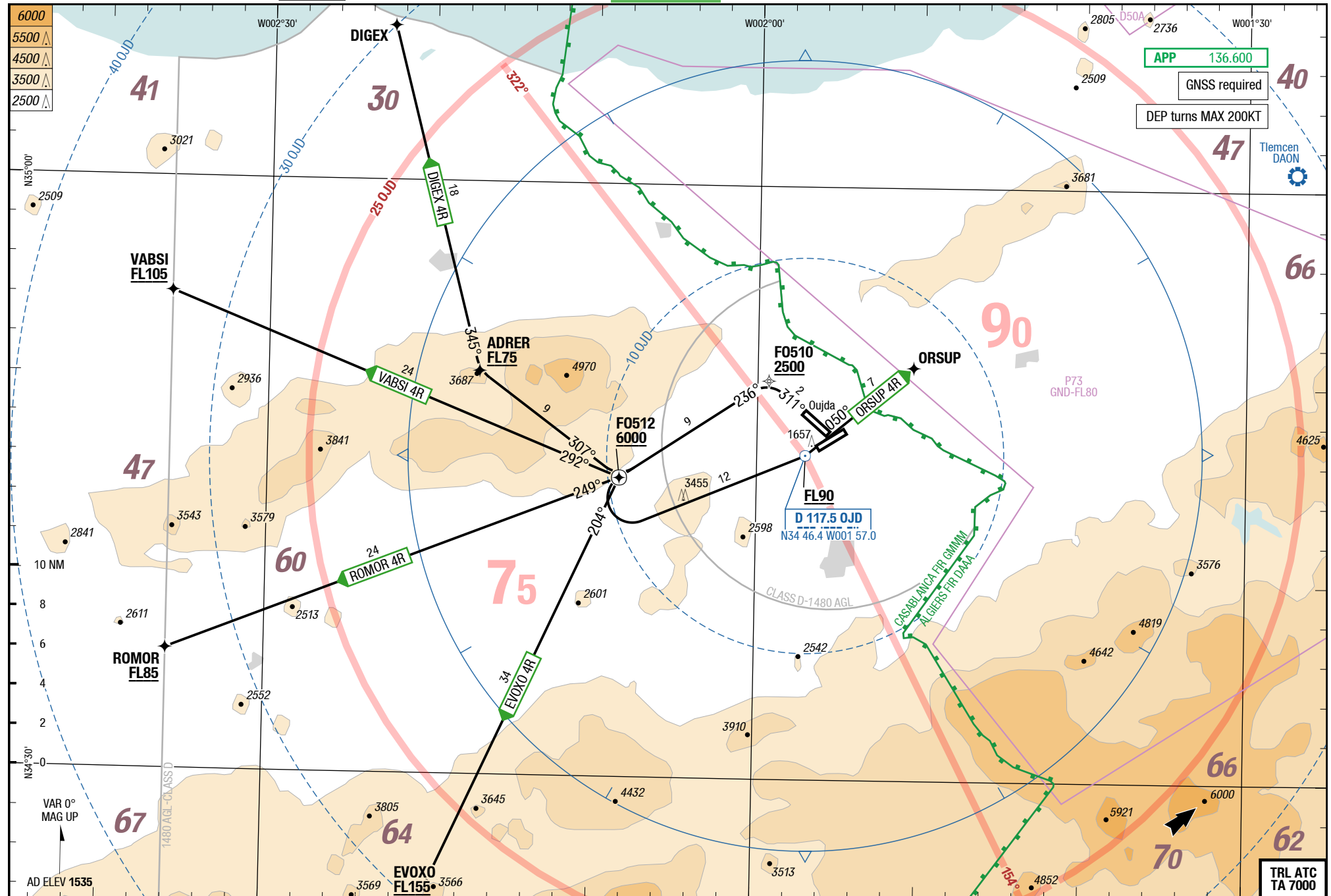
SID

SID

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SIDs RWY 06

RNAV SIDs RWY 31



Changes: Track, VAR

Effective 29-MAR-2018

22-MAR-2018

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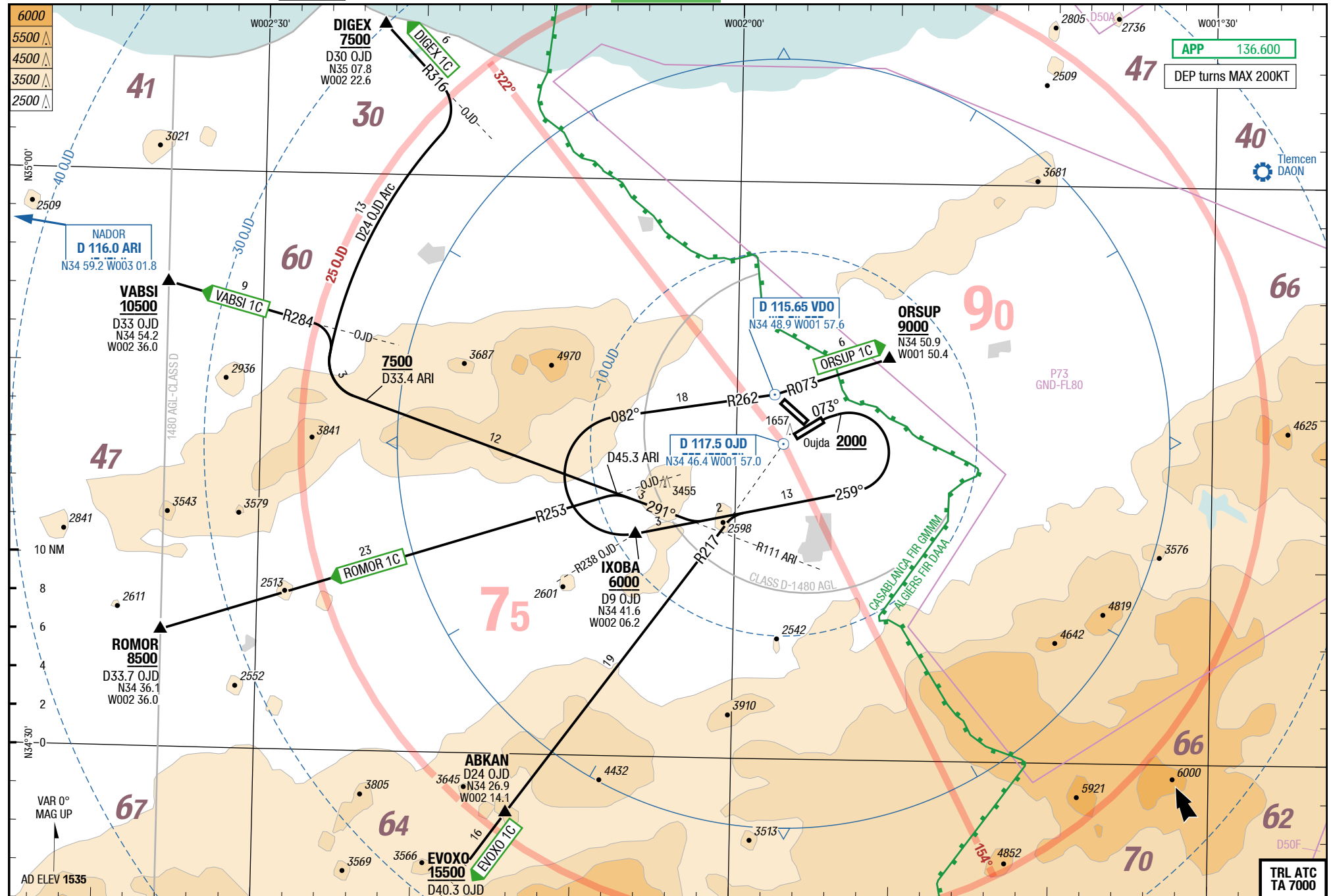
4-20

SIDs RWY 06

SID

SID

SIDs RWY 06



Changes: ALT, VAR

Effective 29-MAR-2018

22-MAR-2018

ODD-GMFO

Morocco Oujda Angads Intl

NIL

SIDs RWY 13

SID

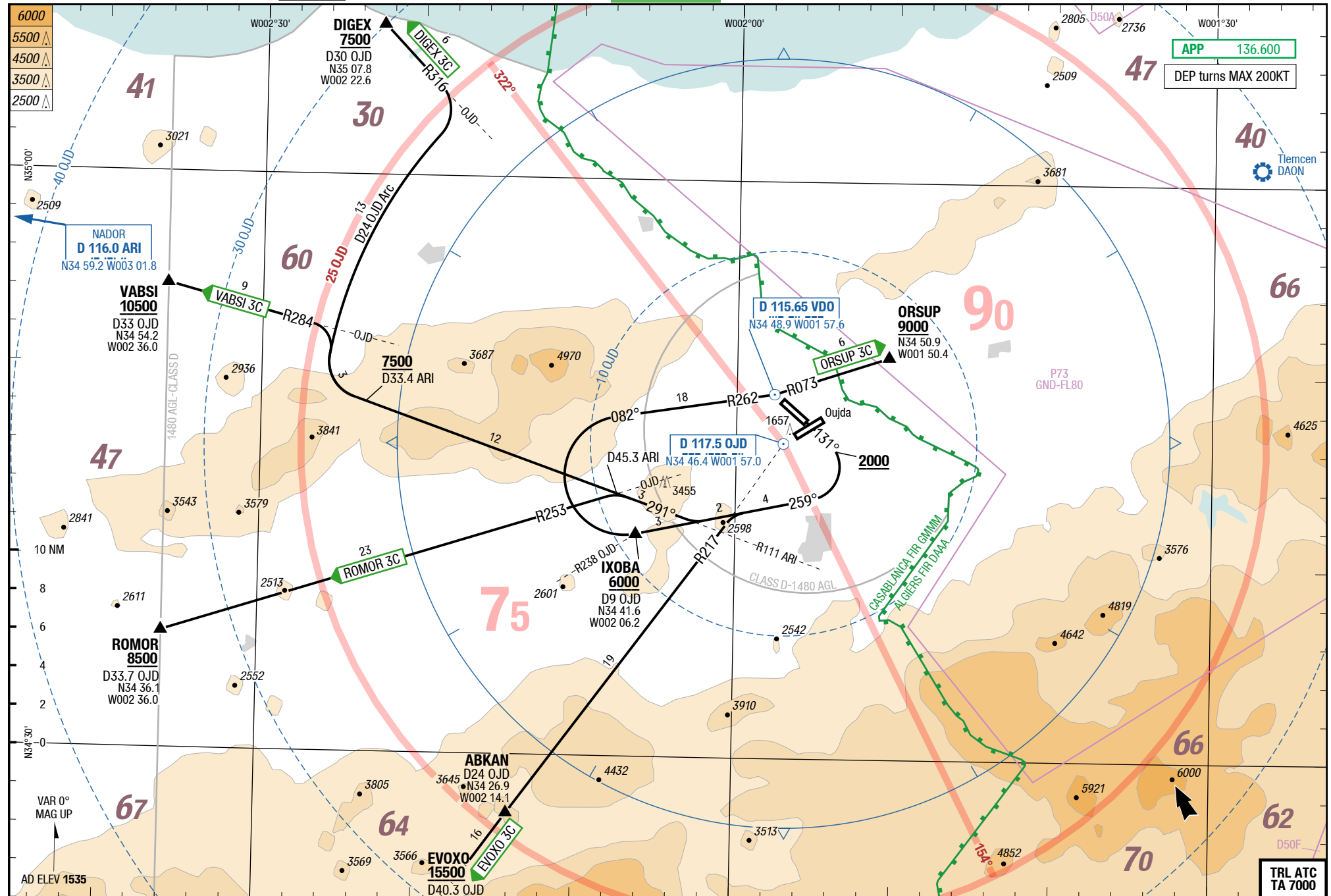
SID

Angads Intl Oujda Morocco

NIL

SIDs RWY 13

4-30



Changes: ALT, VAR

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5-10

RNAV SIDs RWY 31

DIGEX 4R / EVOXO 4R / ORSUP 4R / ROMOR 4R / VABSI 4R

RWY 31 (311°)

	GS	120	150	180	210	240	270
7.0%	ft/MIN	900	1100	1300	1500	1800	2000

DESIGNATOR	ROUTING	ALTITUDES
	Runway 31	
DIGEX 4R 7.0% 136.600 ①②	311° F0510 - <u>F0512</u> - ADRER - DIGEX	F0510 MNM 2500 F0512 MNM 6000 ADRER MNM FL75
EVOXO 4R 7.0% 136.600 ①②	311° F0510 - <u>F0512</u> - EVOXO	F0510 MNM 2500 F0512 MNM 6000 EVOXO MNM FL155
ORSUP 4R 7.0% 136.600 ①②	311° F0510 - <u>F0512</u> [L] - DCT OJD - ORSUP	F0510 MNM 2500 F0512 MNM 6000 OJD MNM FL90
ROMOR 4R 7.0% 136.600 ①②	311° F0510 - <u>F0512</u> - ROMOR	F0510 MNM 2500 F0512 MNM 6000 ROMOR MNM FL85
VABSI 4R 7.0% 136.600 ①②	311° F0510 - <u>F0512</u> - VABSI	F0510 MNM 2500 F0512 MNM 6000 VABSI MNM FL105

① DEP turns MAX 200KT.

② If unable to comply with climb gradient advise ATC.

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5-20

SIDs RWY 06

DIGEX 1C / EVOXO 1C / ORSUP 1C / ROMOR 1C / VABSI 1C

RWY 06 (058°)

	GS	120	150	180	210	240	270
6.0%	ft/MIN	800	1000	1100	1300	1500	1700

DESIGNATOR	ROUTING	ALTITUDES
	Runway 06	
DIGEX 1C 6.0% 136.600 ①②	RT 073° - at MNM 2000 RT 259° intercept R111 ARI inbound - at D33.4 ARI RT follow D24 OJD Arc - intercept R316 OJD to DIGEX	D33.4 ARI MNM 7500 DIGEX MNM 7500
EVOXO 1C 6.0% 136.600 ①②	RT 073° - at MNM 2000 RT 259° intercept R217 OJD to ABKAN - EVOXO	EVOXO MNM 15500
ORSUP 1C 6.0% 136.600 ①②	RT 073° - at MNM 2000 RT 259° to IXOBA - RT intercept R262 VDO to VDO - R073 VDO to ORSUP	IXOBA MNM 6000 ORSUP MNM 9000
ROMOR 1C 6.0% 136.600 ①②	RT 073° - at MNM 2000 RT 259° intercept R111 ARI inbound - at D45.3 ARI LT intercept R253 OJD to ROMOR	ROMOR MNM 8500
VABSI 1C 6.0% 136.600 ①②	RT 073° - at MNM 2000 RT 259° intercept R111 ARI inbound - at D33.4 ARI RT follow D24 OJD Arc - intercept R284 OJD to VABSI	D33.4 ARI MNM 7500 VABSI MNM 10500

① DEP turns MAX 200KT.

② If unable to comply with climb gradient advise ATC.

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5-30

SIDs RWY 13

DIGEX 3C / EVOXO 3C / ORSUP 3C / ROMOR 3C / VABSI 3C

RWY 13 (131°)

	GS	120	150	180	210	240	270
6.0%	ft/MIN	800	1000	1100	1300	1500	1700

DESIGNATOR	ROUTING	ALTITUDES
	Runway 13	
DIGEX 3C 6.0% 136.600 ①②	at MNM 2000 RT 259° intercept R111 ARI inbound - at D33.4 ARI RT follow D24 OJD Arc - intercept R316 OJD to DIGEX	D33.4 ARI MNM 7500 DIGEX MNM 7500
EVOXO 3C 6.0% 136.600 ①②	at MNM 2000 RT 259° intercept R217 OJD to ABKAN - EVOXO	EVOXO MNM 15500
ORSUP 3C 6.0% 136.600 ①②	at MNM 2000 RT 259° to IXOBA - RT intercept R262 VDO to VDO - R073 VDO to ORSUP	IXOBA MNM 6000 ORSUP MNM 9000
ROMOR 3C 6.0% 136.600 ①②	at MNM 2000 RT 259° intercept R111 ARI inbound - at D45.3 ARI LT intercept R253 OJD to ROMOR	ROMOR MNM 8500
VABSI 3C 6.0% 136.600 ①②	at MNM 2000 RT 259° intercept R111 ARI inbound - at D33.4 ARI RT follow D24 OJD Arc - intercept R284 OJD to VABSI	D33.4 ARI MNM 7500 VABSI MNM 10500

① DEP turns MAX 200KT.

② If unable to comply with climb gradient advise ATC.

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STARs RWY 06

6-10

RNAV STARs RWY 31

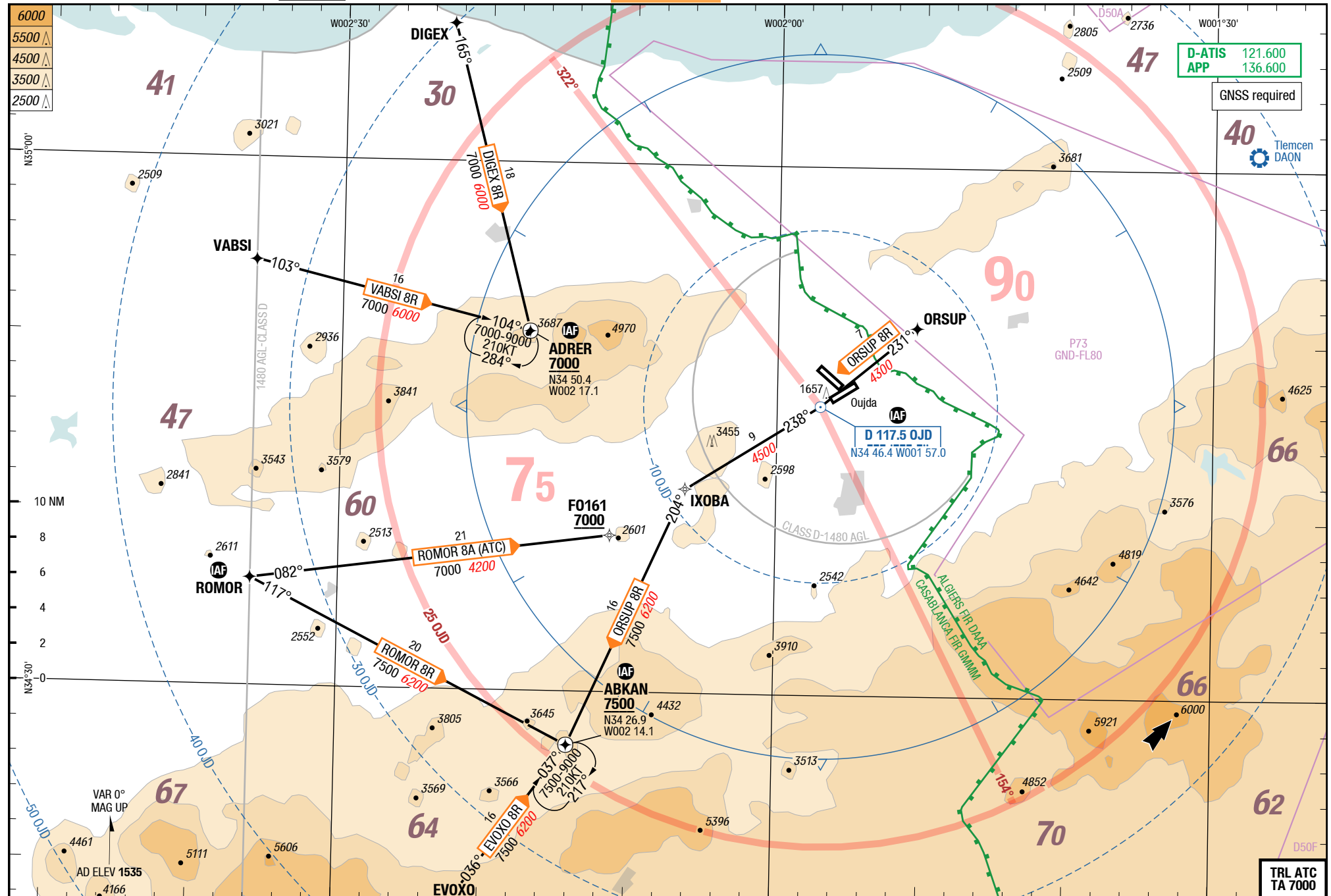
STAR

STAR

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STARs RWY 06

RNAV STARs RWY 31



Changes: Track, VAR

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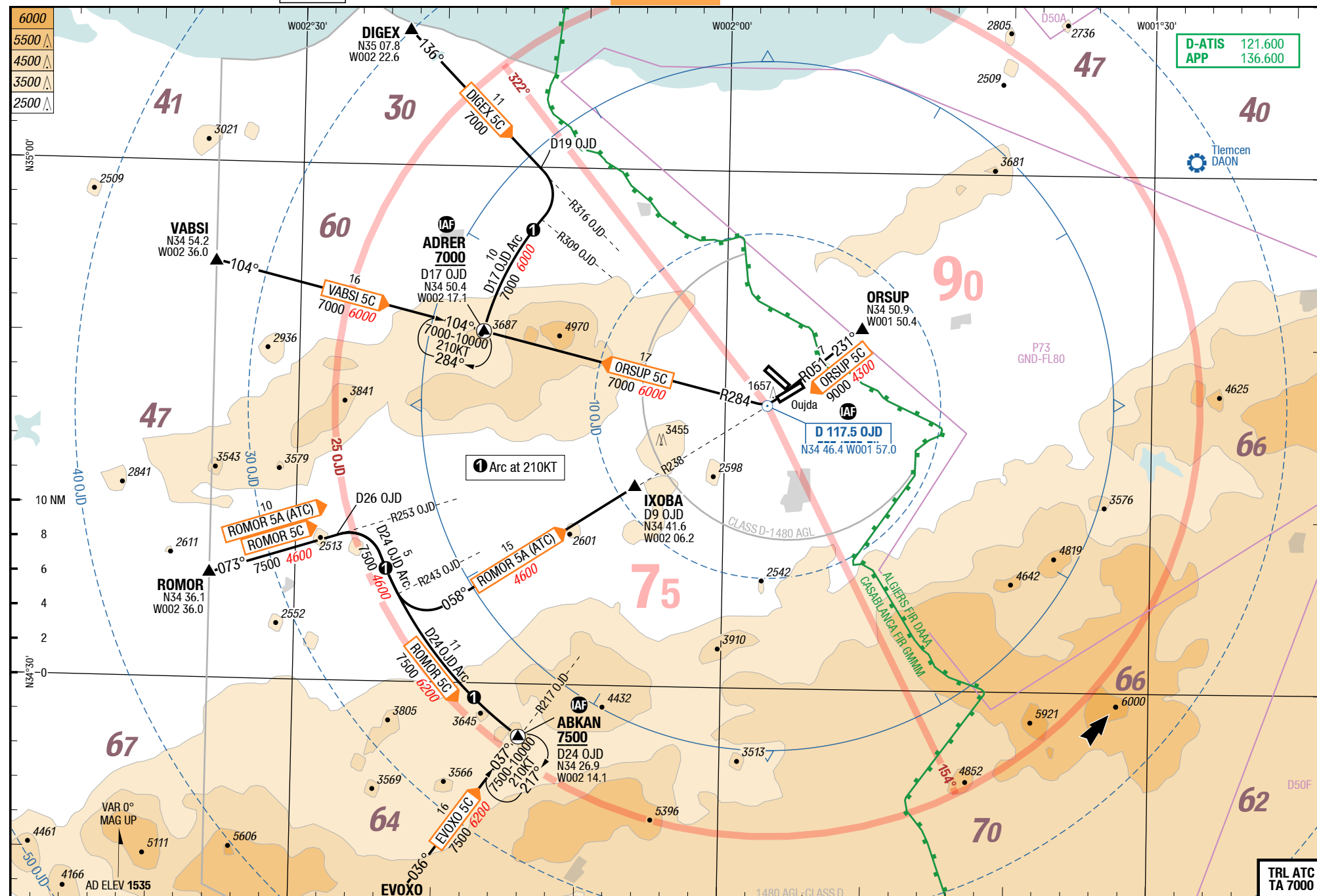
STARs RWY 06

STAR

STAR

STARs RWY 06

6-20



Changes: VAR

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NIL

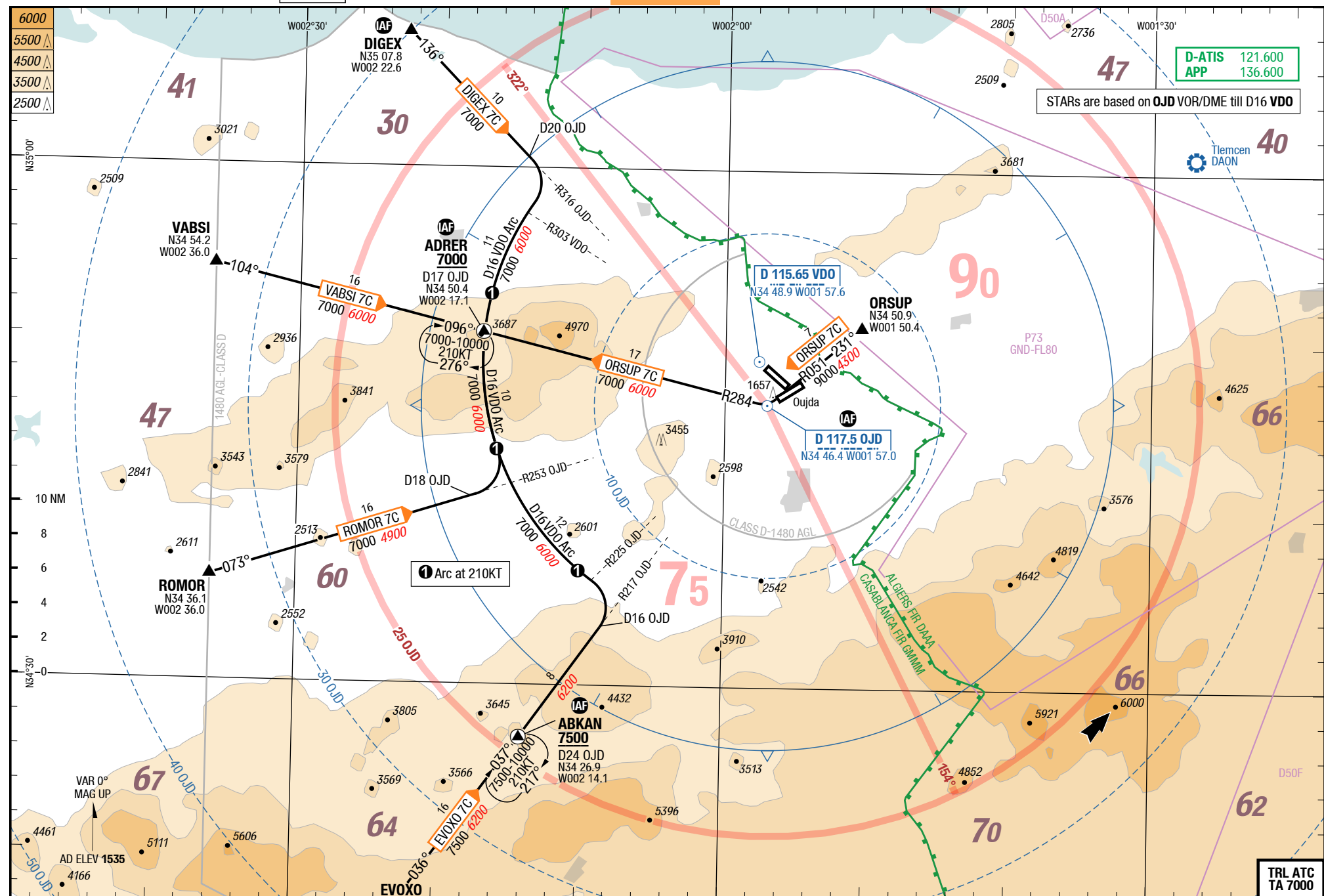
STARs RWY 13

STAR

STAR

NIL

STARs RWY 13



Changes: VAR

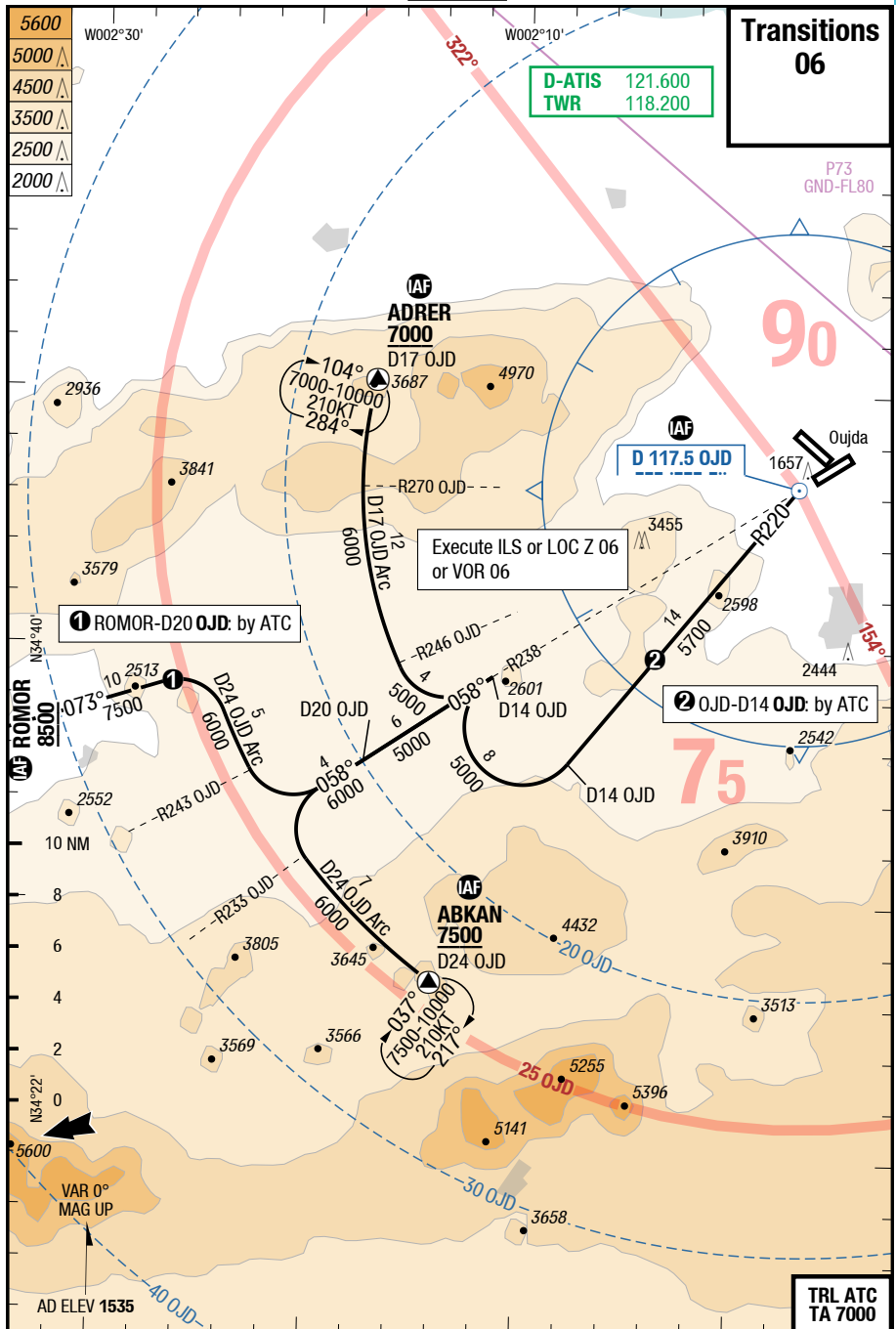
TRL ATC
TA 7000

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7-10

Transitions 06

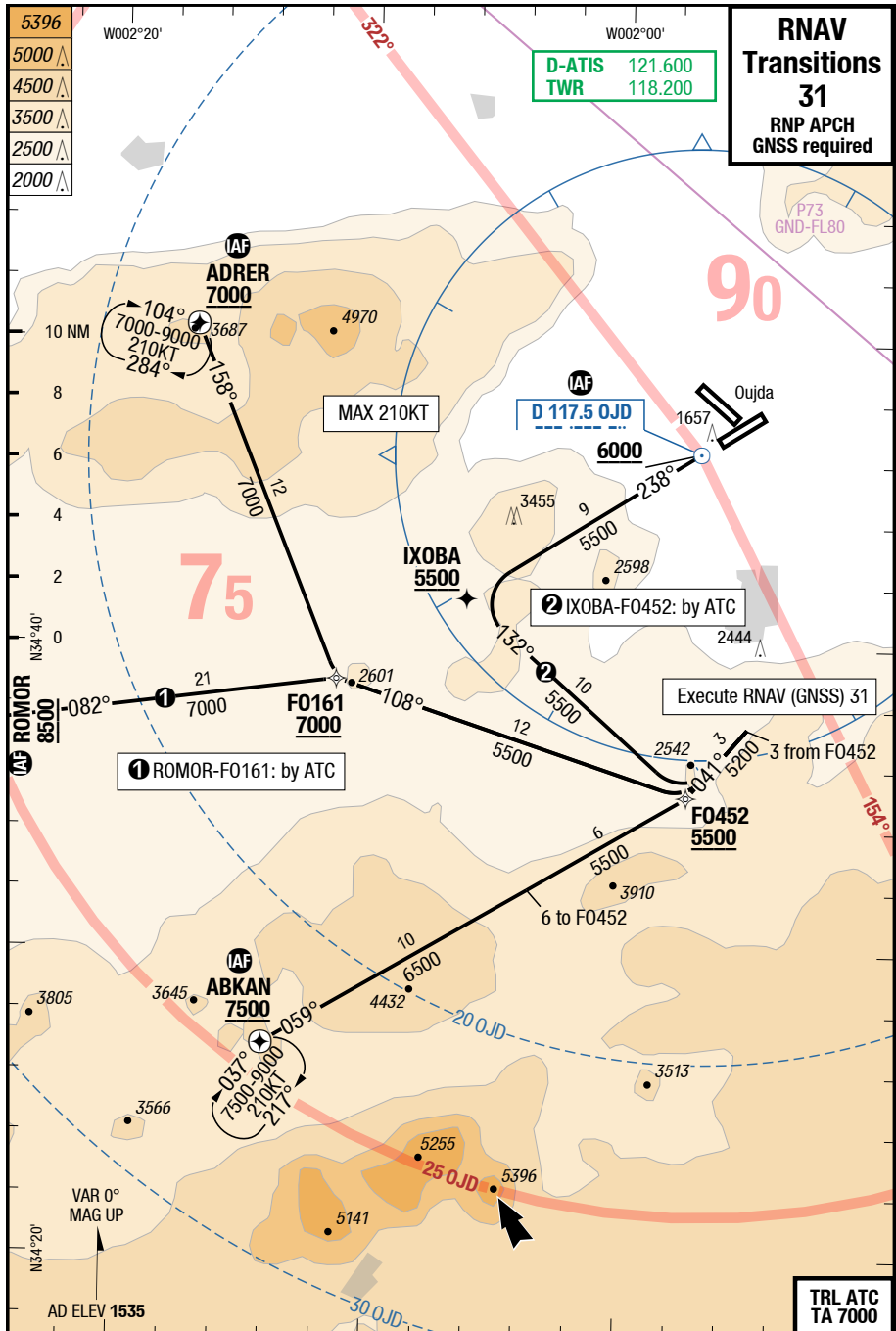


Changes: VAR

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7-20

RNAV Transitions 31

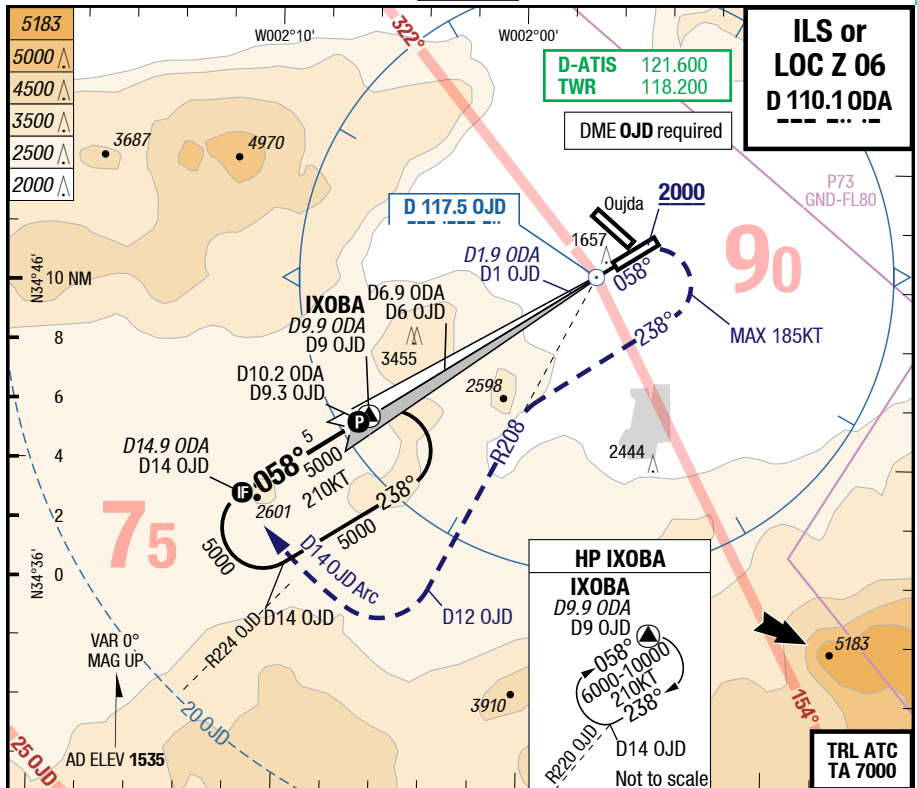


Changes: Track, VAR

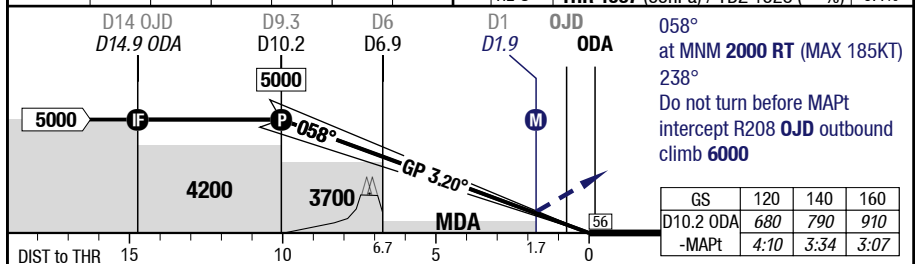
0UD-GMFO

7-30

ILS or LOC Z 06



LOC 3.20° D ODA	10.2	8	6	4	3	2	<div> <div>06</div> <div>HL-S</div> </div>	<div> <div>83.2°</div> <div>60 HL</div> </div>
	5000	4250	3570	2890	2550	2210		



06		Cat 1 DME 1)	LOC DME				Circling
C	ft - m/km ft	330 - 1.1 1860	360 - 1.2 1890				Not published
D	ft - m/km ft	340 - 1.1 1870	360 - 1.2 1890				Not published

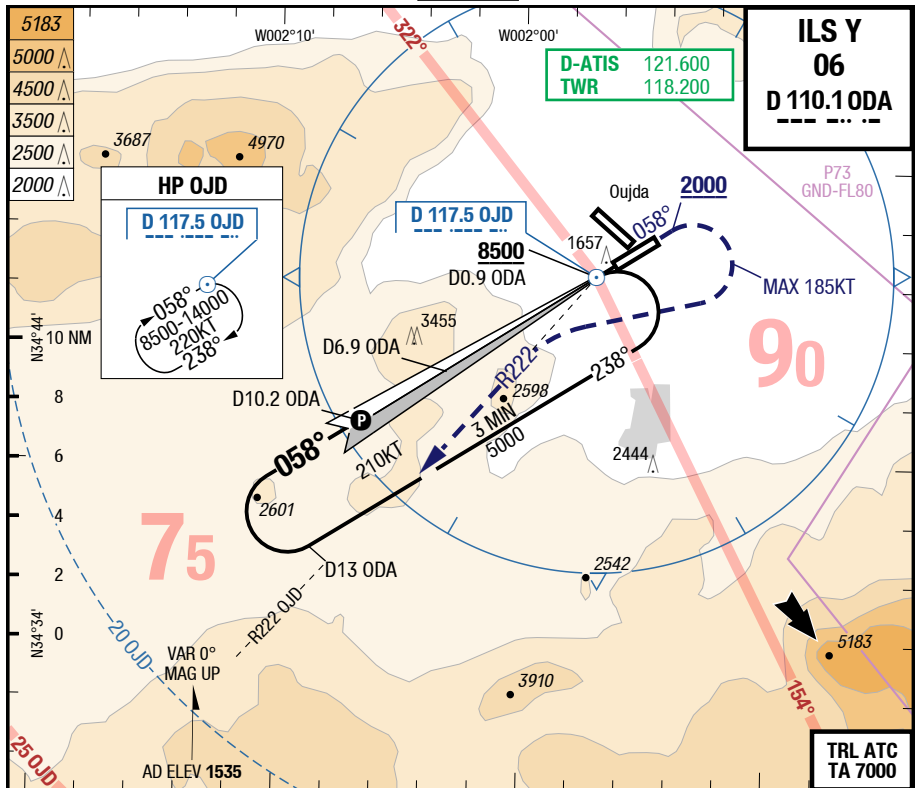
1) With EVS 750m, wo EVS use STD

Changes: ALT, Track, APL, QFU, VAR, MISAP text

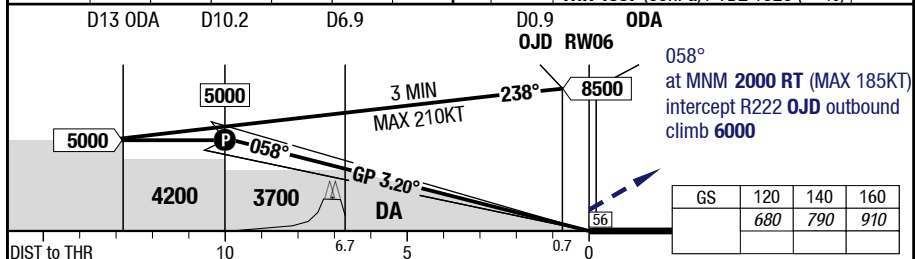
OUD-GMFO

7-40

ILS Y 06



3.20° D ODA	10.2	8	6	4	3	2	06	83.2° 3000 x 45 60 HL
	5000	4250	3570	2890	2550	2210	HL-S	THR 1537 (55hPa) / TDZ 1528 (---%) -0.4%



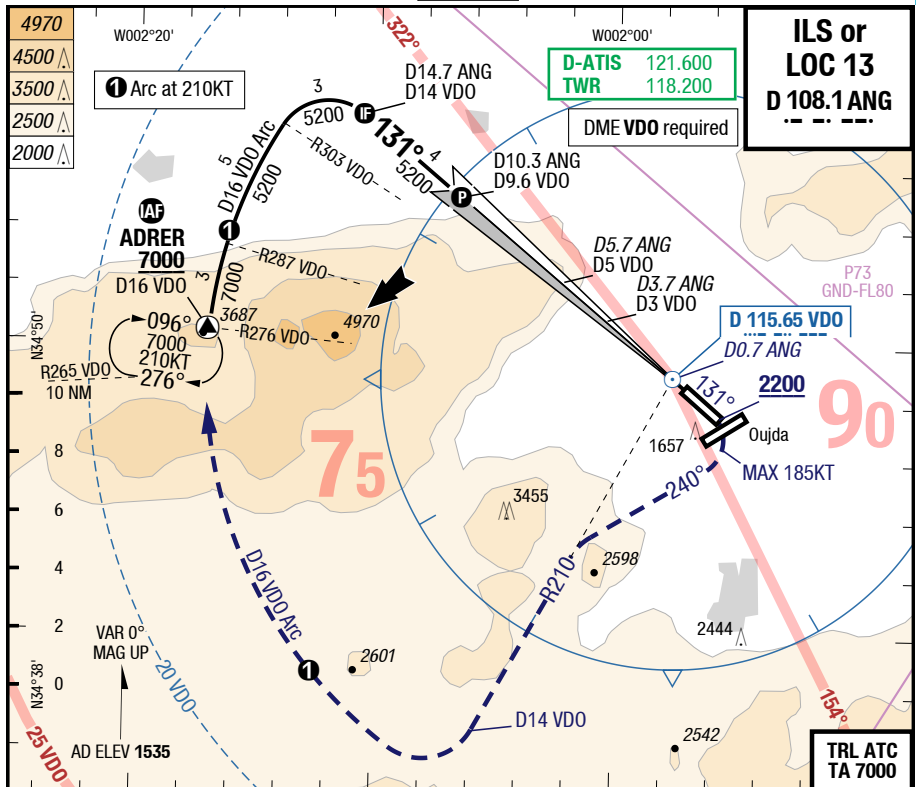
06	Cat 1 DME ¹⁾	LOC				Circling
C	ft - m/km ft	330 - 1.1 1860	Not published			Not published
D	ft - m/km ft	340 - 1.1 1870	Not published			Not published

1) With EVS 750m, wo EVS use STD

OUD-GMFO

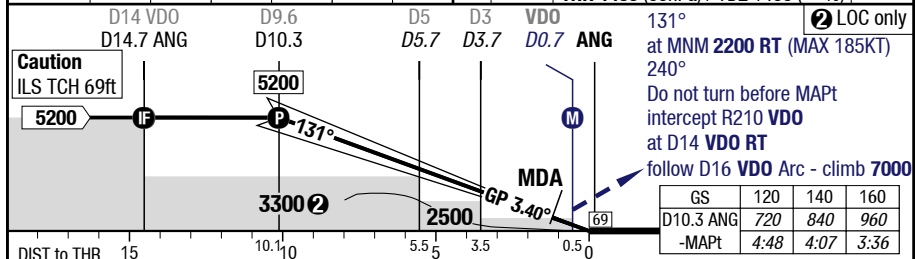
7-50

ILS or LOC 13



LOC 3.40° D ANG	10.3	8	6	4	3	2
	5200	4370	3650	2920	2560	2200

HL-P2 **THR 1486** (53hPa) / TDZ 1483 (---%) +0.1%

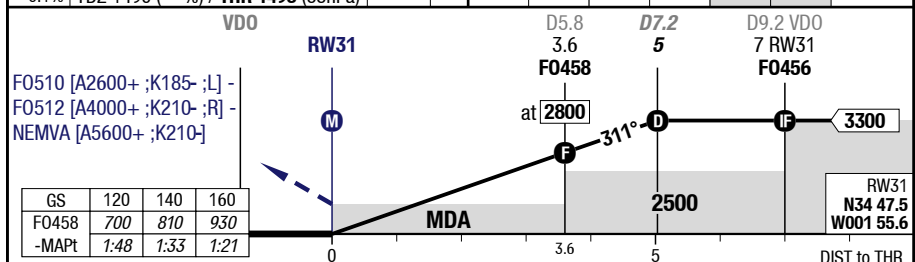
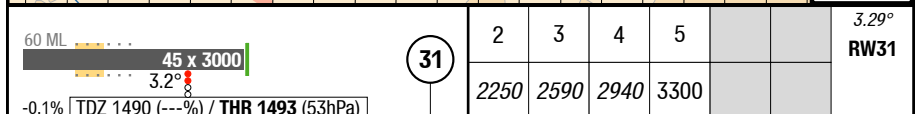
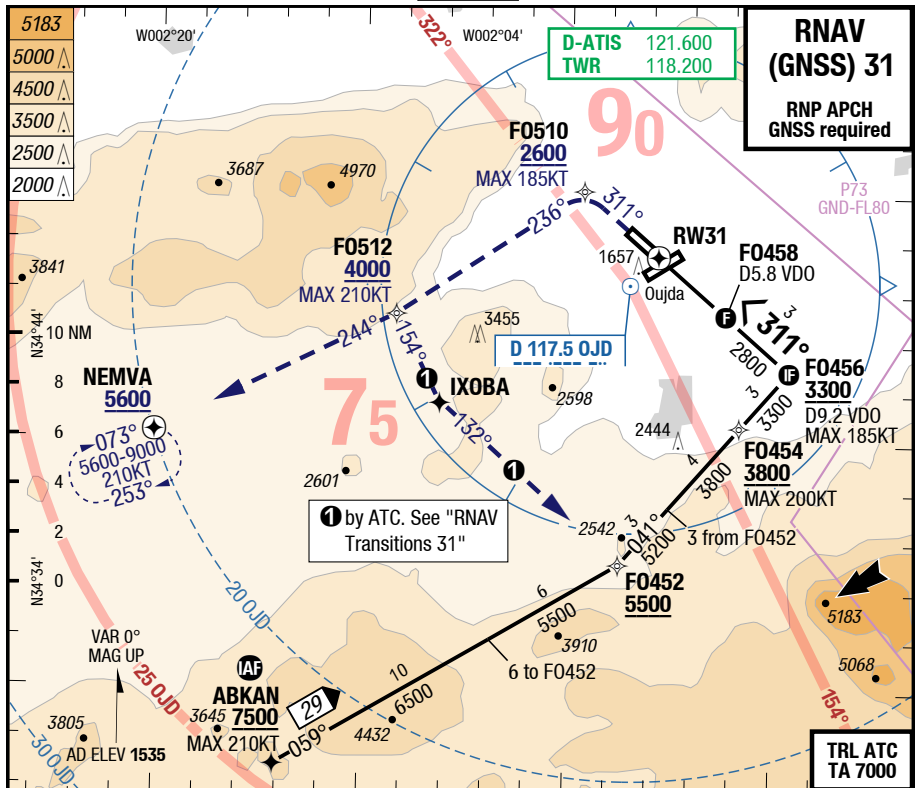


13	Cat 1 DME	LOC DME			Circling
C	ft - m/km ft	250 - 550 1730	460 - 1.4 1940		Not published
D	ft - m/km ft	250 - 550 1730	460 - 1.4 1940		Not published

0UD-GMFO

7-70

RNAV (GNSS) 31

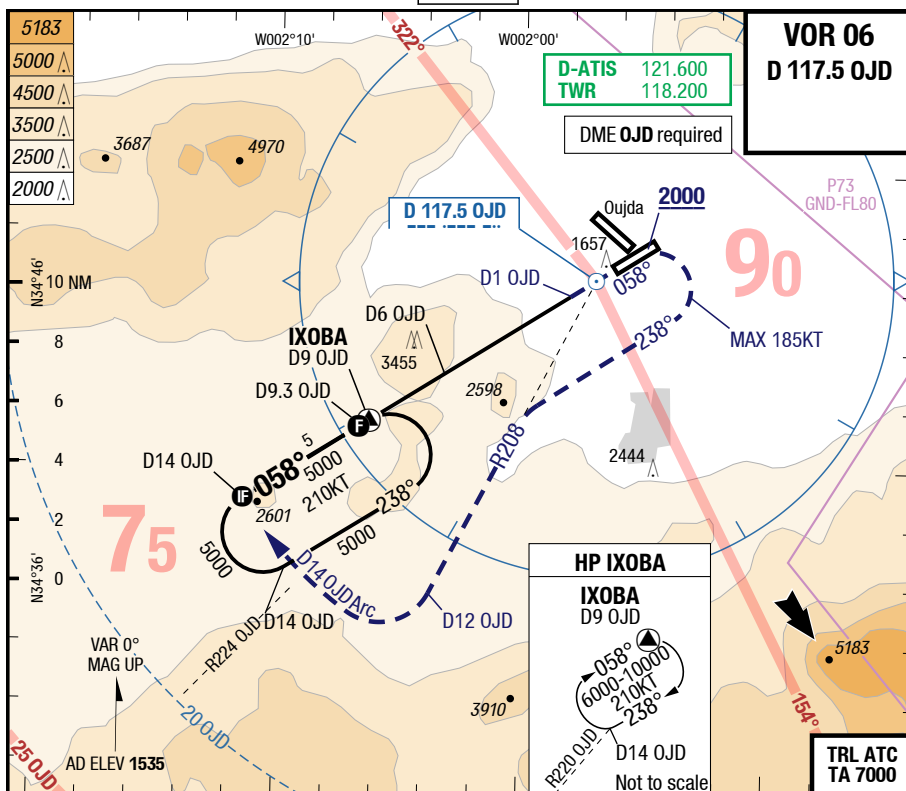


31		RNAV GNSS LNAV					Circling
C	ft - m/km ft	510 - 2.4 2000					Not published
D	ft - m/km ft	510 - 2.4 2000					Not published

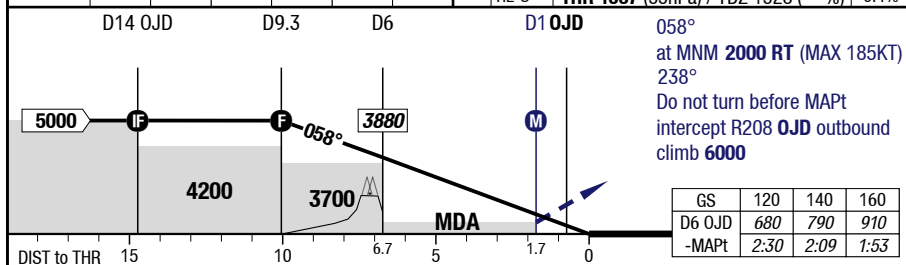
0UD-GMFO

7-90

VOR 06



3.20° D OJD	9.3	7	5	4	3	2	<div> <div>06</div> <div>HL-S</div> </div>	<div> <div>8.3.2°</div> <div>60 HL</div> </div>
	5000	4220	3540	3200	2860	2520		

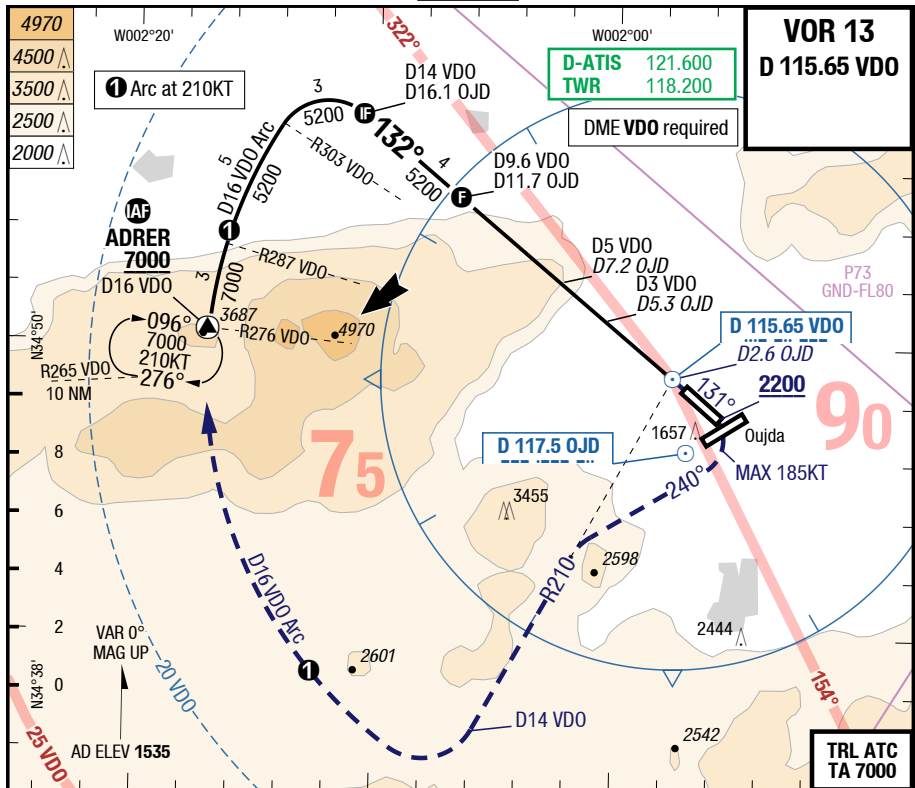


06		VOR DME					Circling
C	ft - m/km ft	360 - 1.2 1890					Not published
D	ft - m/km ft	360 - 1.2 1890					Not published

OUD-GMFO

7-100

VOR 13



13		VOR DME		Circling ¹⁾	
C	ft - m/km ft	460 - 1.4 1940		1470 - 2.4V 3000	
D	ft - m/km ft	460 - 1.4 1940		1470 - 3.6V 3000	

1) BTN R116-R330 of VOR VDO only