

GENERAL**Operational Hours****ATS Hours / AD Activity Hours:**

Winter: 0615-2305 PS 2HR PPR before AD CLSD.

Summer: last SUN of MAR - 19 MAY: 0515-2205, PS 2HR PPR before AD CLSD.

20 MAY - 10 OCT: 0445-0020 PS 1HR PPR before AD CLSD.

11 OCT - SAT before last SUN of OCT: 0515-2205, PS 2HR PPR before AD CLSD.

AD Hours:

Winter: 0630-2245, PS 2HR PPR before AD CLSD.

Summer: last SUN of MAR - 19 MAY: 0530-2145, PS 2HR PPR before AD CLSD.

20 MAY - 10 OCT: 0500-0000, PS 1HR PPR before AD CLSD.

11 OCT - SAT before last SUN of OCT: 0530-2145, PS 2HR PPR before AD CLSD.

Airport Information

RFF: CAT 7, CAT 8 AVBL O/R

PCN: RWY 11/29: first 150m / 492ft 53/F/C/W/T, rest 72/F/A/W/T

Operation**Requirements for Operators**

RWY 29: Special training is required for CAT III operations.

Traffic Note

Use of AD with PPR for ACFT code letter D and E.

Transponder Mode S

Select assigned transponder Mode A and activate S, set to AUTO if technically AVBL

- from push-back or taxi whichever comes earlier
- after LDG, continuously until fully parked on stand.
- when fully parked on stand select STBY

Select ACFT identification feature if AVBL, before activating transponder.

Low Visibility Procedures

Low visibility procedure will be in force when

- RVR is 800m or below with any transmissometer.
- ceiling 90m (300ft) or below.

During LVP only one ACFT is allowed to taxi in the entire maneuvering area at a time.

During LVP TWY A2 CLSD.

Follow-me AVBL O/R.

Follow is mandatory from APN to stand.

ARR

When vacating RWY 29, notify:

- ILS sensitive area free and,
- TWY used.

On the APN, notify:

- assigned ACFT stand and,
- FREQ out.

ACFT that overshoots TWY A3 in landing on RWY 29 shall continue taxiing to the RWY end to vacate it.

DEP: Notify the start of taxiing to gate A or B.

GENERAL**Standard Taxi Routes**

Arrival RWY 11

TWY A1, T1, T2 to stands 1-3.

TWY A1, T1, gate B to stands 4-9.

TWY A2, gate A to stands 1-3.

TWY A2, T2, gate B to stands 4-9.

Arrival RWY 29

TWY A4, T4, T3, gate A to stands 1-3.

TWY A3, T3, gate A to stands 1-3.

TWY A2, gate A to stands 1-3.

TWY A4, T4, T3, T2, gate B to stands 4-9.

TWY A3, T3, T2, gate B to stands 4-9.

TWY A2, T2, gate B to stands 4-9.

Departure RWY 11

From stands 1-3 to gate A, TWY T3, T4, A4.

From stands 4-9 to gate B, TWY T2, T3, T4, A4.

Departure RWY 29

From stands 1-3 to gate A, TWY T2, T1, A1.

From stands 4-9 to gate B, TWY 1, A1.

Standard Taxi Routes for Code Letter D/E ACFT

Arrival RWY 11

TWY A1, T1, gate B to stand.

Arrival RWY 29

TWY A4, T4, T3, T2, gate B to stand.

Departure RWY 11

From stand to gate B, TWY T2, T3, T4, A4.

Departure RWY 29

From stand to gate B, TWY T1, A1.

Taxi/Parking

Code letter D and E ACFT must use oversteering when entering/exiting APN via gate B.

Follow-me is mandatory from stand to gate B and from gate B to stand.

Taxiing into/out of stands shall be carried out at close to idle PWR. If a significant PWR increase is required, contact ATC.

Collision avoidance with other ACFT or obstacles is responsibility of:

Pilots taxiing in the APN and in the areas not visible from TWR.

Handling agents during exit maneuvering from stand.

ACFT unable to exit via TWY A2 and A3, continue taxiing to end of RWY to vacate via TWY A4 or A1.

APU

Use of APU restricted to 2min after on-block and 5min before off-block time.

Exceptions:

- if stand is not equipped with AC power (400Hz) and mobile GPU not AVBL.
- if air condition is required and no ACU AVBL

Warnings

High probability of unpredicted fog.

Birds and animal in vicinity of AD.

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

During LVP: After vacating the sensitive area stop the ACFT and wait for follow-me.
 If taxi CLR has already been received, continue on assigned route, stop at the CLR limit and wait for follow-me.

Arrival Procedure

Minimum Runway Occupancy Time (MROT): Ensure standard MROT procedures.

Non-standard GP intercept position on RWY 29

GP intercepts RWY 29 at 314m / 1030ft after landing threshold.

Remaining LDG DIST beyond GP is 1886m / 6188ft.

Warnings

RWY 11/29: PAPI U/S for code letter E ACFT.

DEPARTURE**Take-off Minima**

RWY		29	
All ACFT	ft - m/km	0 - 75R	-
RWY		11	
All ACFT	ft - m/km	0 - 125R	-

Communication**COM Failure**

During LVP: Continue on assigned route, stop at the CLR limit and wait for follow-me.

Departure Procedure

Intersection TKOF: TKOF from INT with TWY A2 prohibited.

De-Icing

Hot water and glycol AVBL.

Effective 01-FEB-2018

25-JAN-2018

OVD-LEAS

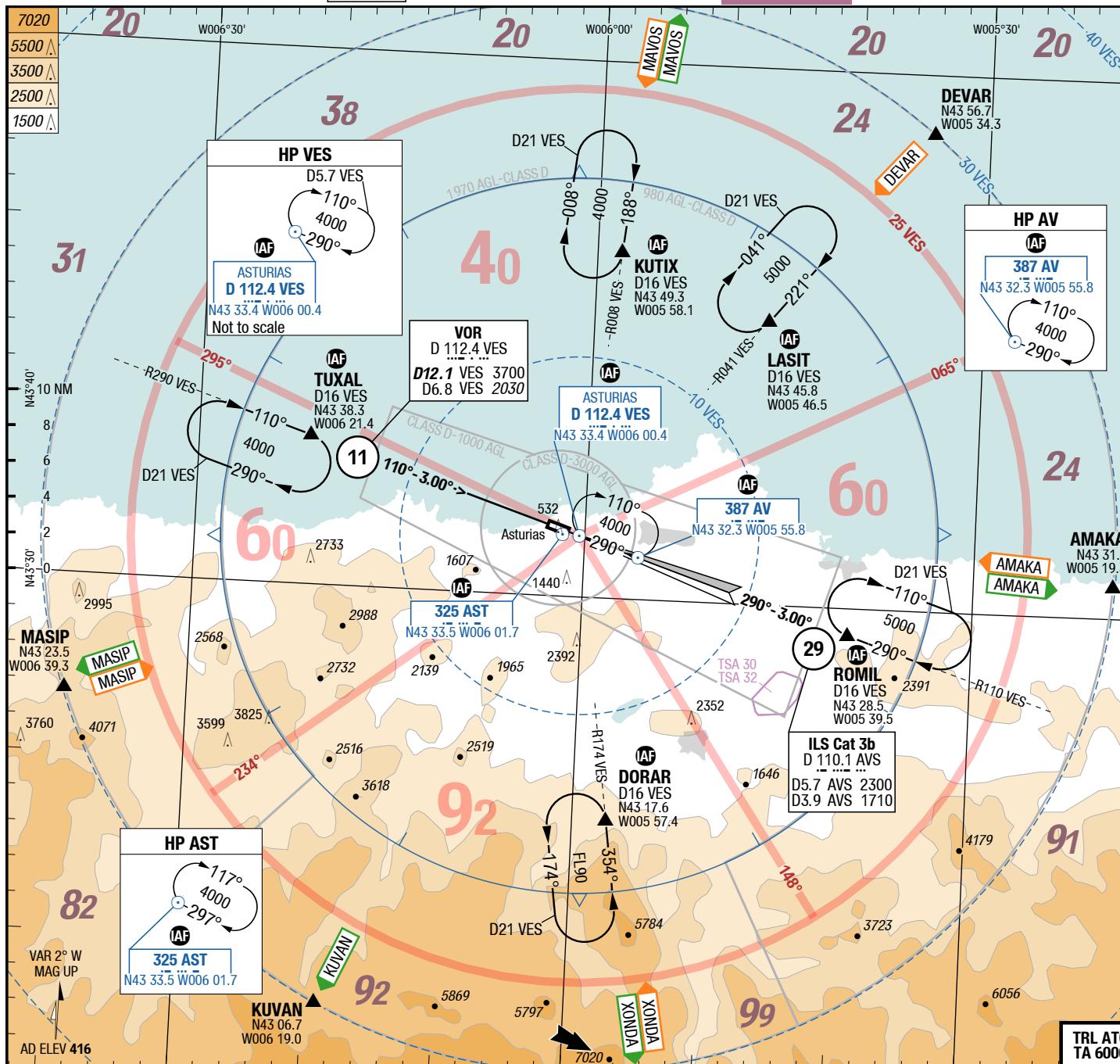
2-10

Spain Asturias

AGC
AFC

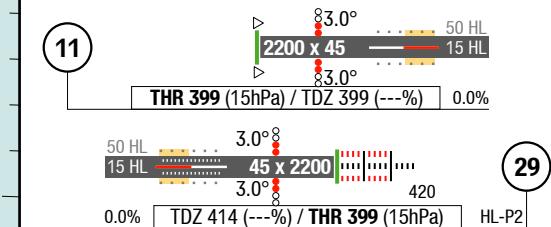
Asturias Spain

AF



APP 118.150 HR ATS
TWR 118.150 HR ATS
GND 121.700 HR ATS

Landing RWY system:



Effective 01-FEB-2018

25-JAN-2018

OVD-LEAS

Spain Asturias

AGC

Asturias Spain

AGC

3-20

W006° 02.5'

W006° 02'

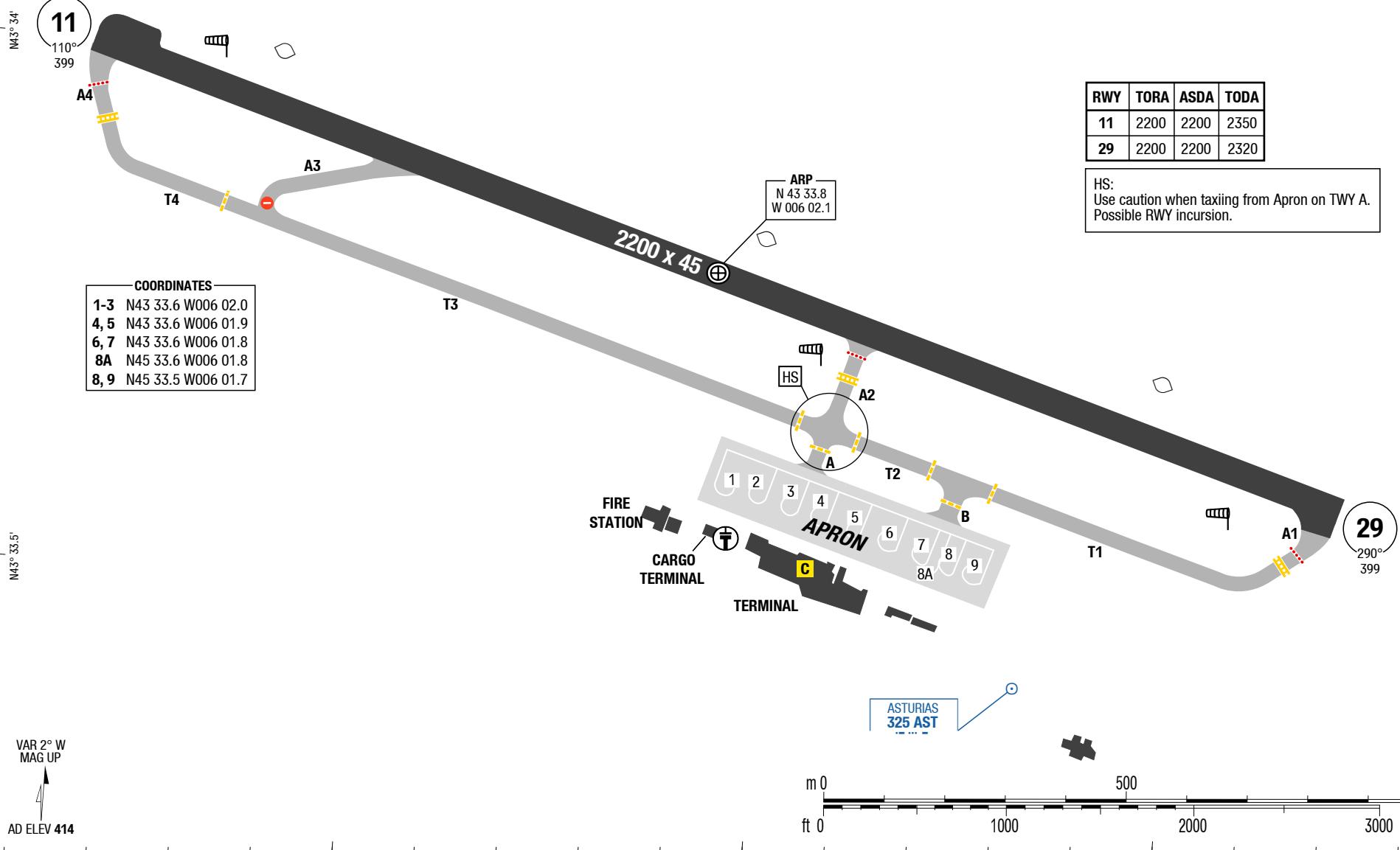
W006° 01.5'

TWR 118.150 HR ATCS
GND 121.700 HR ATCS

RWY	TORA	ASDA	TODA
11	2200	2200	2350
29	2200	2200	2320

HS:
Use caution when taxiing from Apron on TWY A.
Possible RWY incursion.

COORDINATES
1-3 N43 33.6 W006 02.0
4, 5 N43 33.6 W006 01.9
6, 7 N43 33.6 W006 01.8
8A N45 33.6 W006 01.8
8, 9 N45 33.5 W006 01.7



Changes: Parking Stands , AD ELEV

OVD-LEAS

4-10

Spain Asturias

SIDs RWY 11

Asturias Spain

SIDs RWY 11

Effective 23-JUN-2016

16-JUN-2016

OVD-LEAS

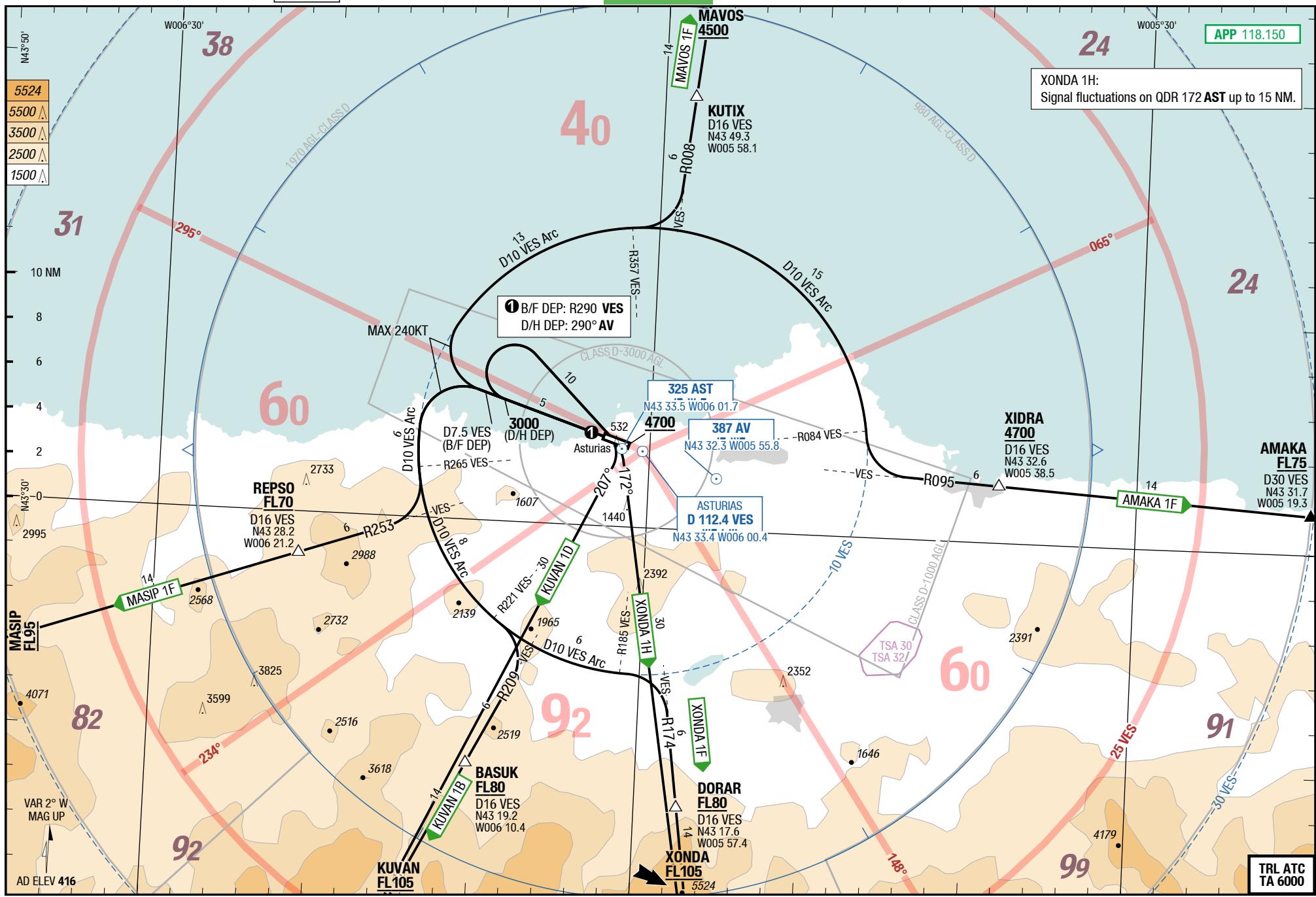
Spain Asturias

SIDs RWY 29

Asturias Spain

SIDs RWY 29

4-20



AMAKA 1E / KUVAN 1A / KUVAN 1C / MASIP 1E / MAVOS 1E / XONDA 1E / XONDA 1G
RWY 11 (110°)

	GS	120	150	180	210	240	270
4.8%	ft/MIN	600	800	900	1100	1200	1400

DESIGNATOR	ROUTING	ALTITUDES
	Runway 11	
AMAKA 1E 118.150	direct VES - R110 VES - at D7.7 VES LT 051° (MAX 240KT) - intercept R095 VES to XIDRA - AMAKA	XIDRA MNM 4700 AMAKA MNM FL75
KUVAN 1A 118.150	direct VES - R110 VES - at D7.7 VES RT (MAX 240KT) follow D10 VES Arc - crossing R198 VES LT intercept R209 VES to BASUK - KUVAN	BASUK MNM FL80 KUVAN MNM FL105
KUVAN 1C 118.150 ①	direct AV - QDR 110 AV - at 3000 LT direct AST - QDR 207 AST to KUVAN	AST MNM 4700 KUVAN MNM FL105
MASIP 1E 118.150	direct VES - R110 VES - at D7.7 VES RT (MAX 240KT) follow D10 VES Arc - crossing R242 VES LT intercept R253 VES to REPSO - MASIP	REPSO MNM FL70 MASIP MNM FL95
MAVOS 1E 118.150	direct VES - R110 VES - at D7.7 VES LT (MAX 240KT) follow D10 VES Arc - crossing R020 VES RT intercept R008 VES to KUTIX - MAVOS	MAVOS MNM 4500
XONDA 1E 4.8% to FL75 118.150	direct VES - R110 VES - at D7.7 VES RT (MAX 240KT) follow D10 VES Arc - crossing R162 VES LT intercept R174 VES to DORAR - XONDA	DORAR MNM FL80 XONDA MNM FL105
XONDA 1G 118.150 ①②	direct AV - QDR 110 AV - at 3000 LT direct AST - QDR 172 AST to XONDA	AST MNM 4700 XONDA MNM FL105

① Do not turn before AV.

② Signal fluctuations on QDR 172 AST up to 15 NM.

**AMAKA 1F / KUVAN 1B / KUVAN 1D / MASIP 1F / MAVOS 1F / XONDA 1F / XONDA 1H
RWY 29 (290°)**

	GS	120	150	180	210	240	270
4.3%	ft/MIN	600	700	800	1000	1100	1200
4.5%	ft/MIN	600	700	900	1000	1100	1300
5.0%	ft/MIN	700	800	1000	1100	1300	1400

DESIGNATOR	ROUTING	ALTITUDES
Runway 29		
AMAKA 1F 118.150	R290 VES - at D7.5 VES RT (MAX 240KT) follow D10 VES Arc - crossing R084 VES LT intercept R095 VES to XIDRA - AMAKA	XIDRA MNM 4700 AMAKA MNM FL75
KUVAN 1B 4.5% to FL105 118.150	R290 VES - at D7.5 VES LT (MAX 240KT) follow D10 VES Arc - crossing R221 VES RT intercept R209 VES to BASUK - KUVAN	BASUK MNM FL80 KUVAN MNM FL105
KUVAN 1D 118.150	QDR 290 AV - at 3000 RT direct AST - QDR 207 AST to KUVAN	AST MNM 4700 KUVAN MNM FL105
MASIP 1F 5.0% to FL95 118.150	R290 VES - at D7.5 VES LT (MAX 240KT) follow D10 VES Arc - crossing R265 VES RT intercept R253 VES to REPSO - MASIP	REPSO MNM FL70 MASIP MNM FL95
MAVOS 1F 118.150	R290 VES - at D7.5 VES RT (MAX 240KT) follow D10 VES Arc - crossing R357 VES LT intercept R008 VES to KUTIX - MAVOS	MAVOS MNM 4500
XONDA 1F 4.3% to 5500 118.150	R290 VES - at D7.5 VES LT (MAX 240KT) follow D10 VES Arc - crossing R185 VES RT intercept R174 VES to DORAR - XONDA	DORAR MNM FL80 XONDA MNM FL105
XONDA 1H 118.150 ①	QDR 290 AV - at 3000 RT direct AST - QDR 172 AST to XONDA	AST MNM 4700 XONDA MNM FL105

① Signal fluctuations on QDR 172 AST up to 15 NM.

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06-OCT-2016

OVD-LEAS

6-10

Spain Asturias

STARs RWY 29

STARs RWY 11

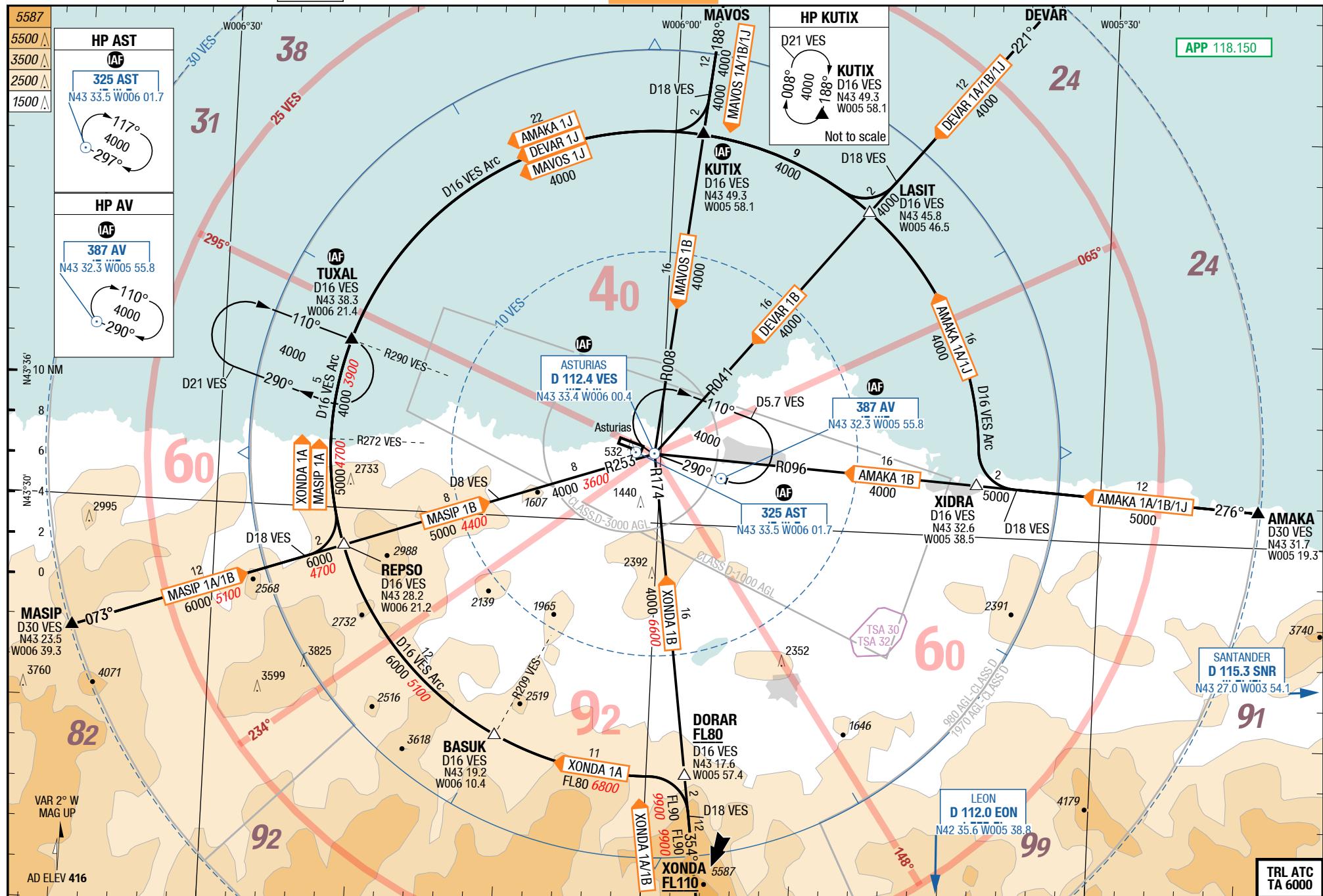
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STAR

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STARs RWY 29

STARs RWY 11



Effective 13-OCT-2016

06-OCT-2016

OVD-LEAS

Spain Asturias

STARs RWY 29

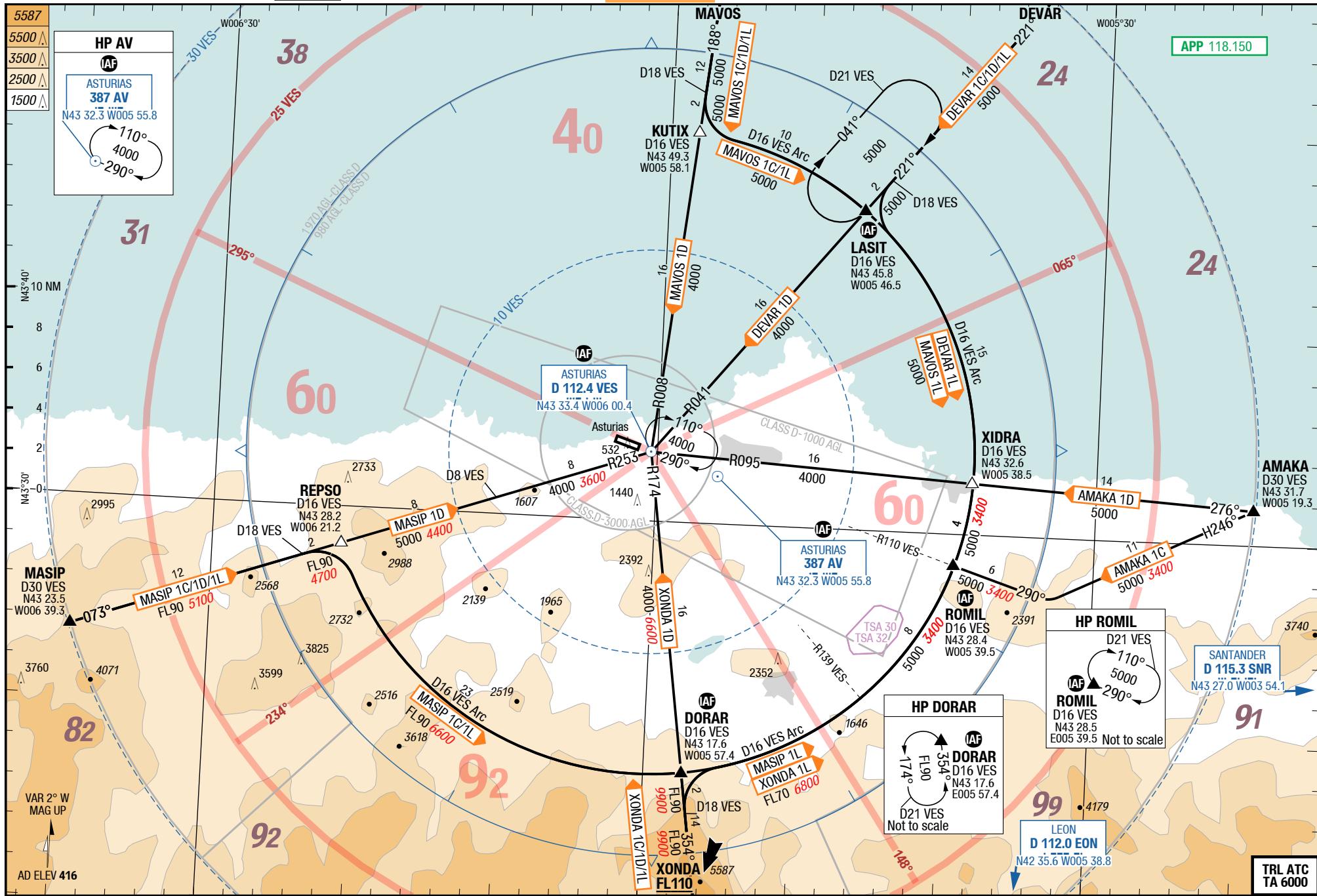
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Asturias Spain

STARs RWY 29

6-20



Effective 13-OCT-2016

06-OCT-2016

OVD-LEAS

Spain Asturias

CDA STARs RWY 29 (ATC)

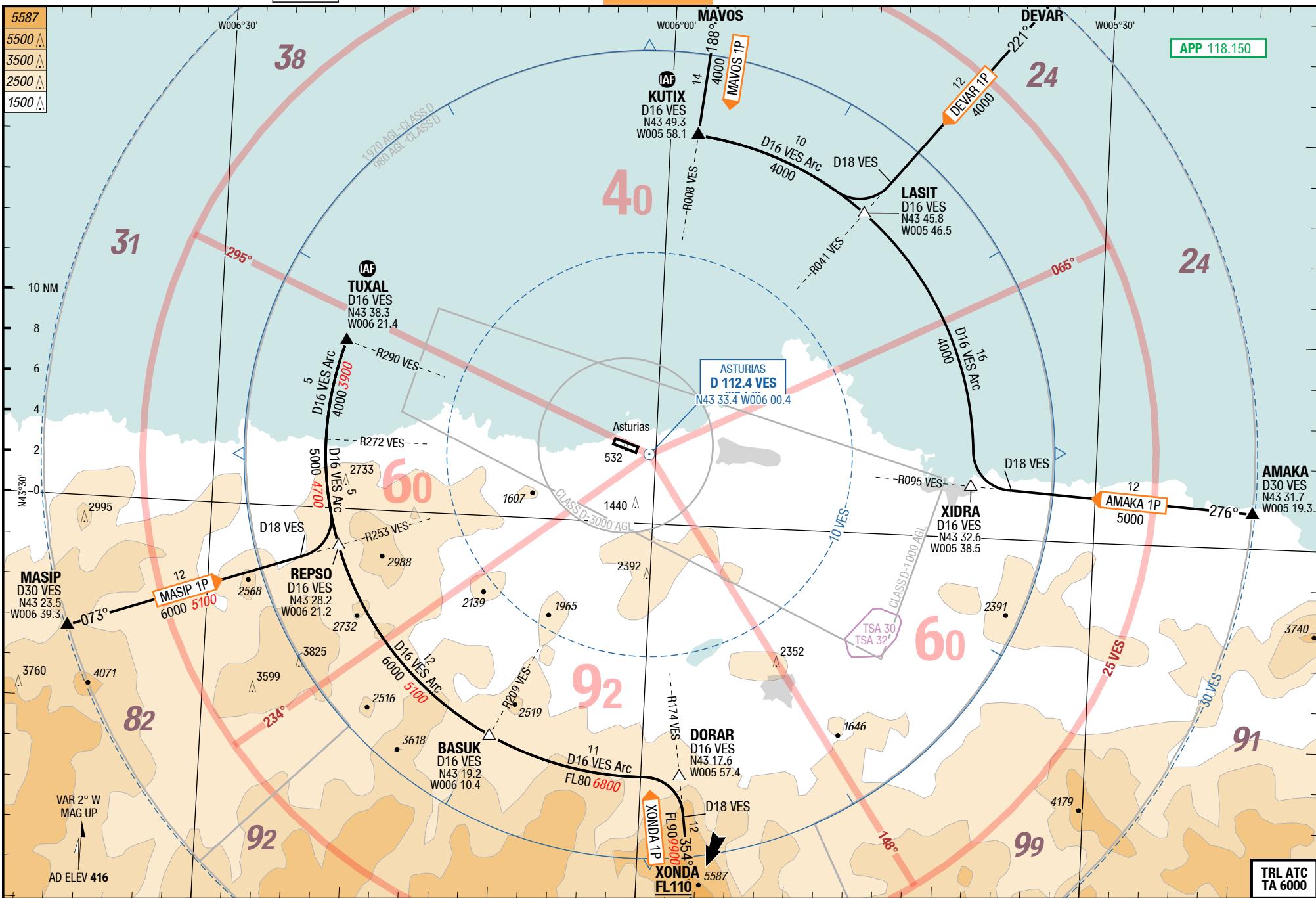
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STAR

Asturias Spain

CDA STARs RWY 29 (ATC)

6-30 CDA STARs RWY 11 (ATC)



Effective 13-OCT-2016

06-OCT-2016

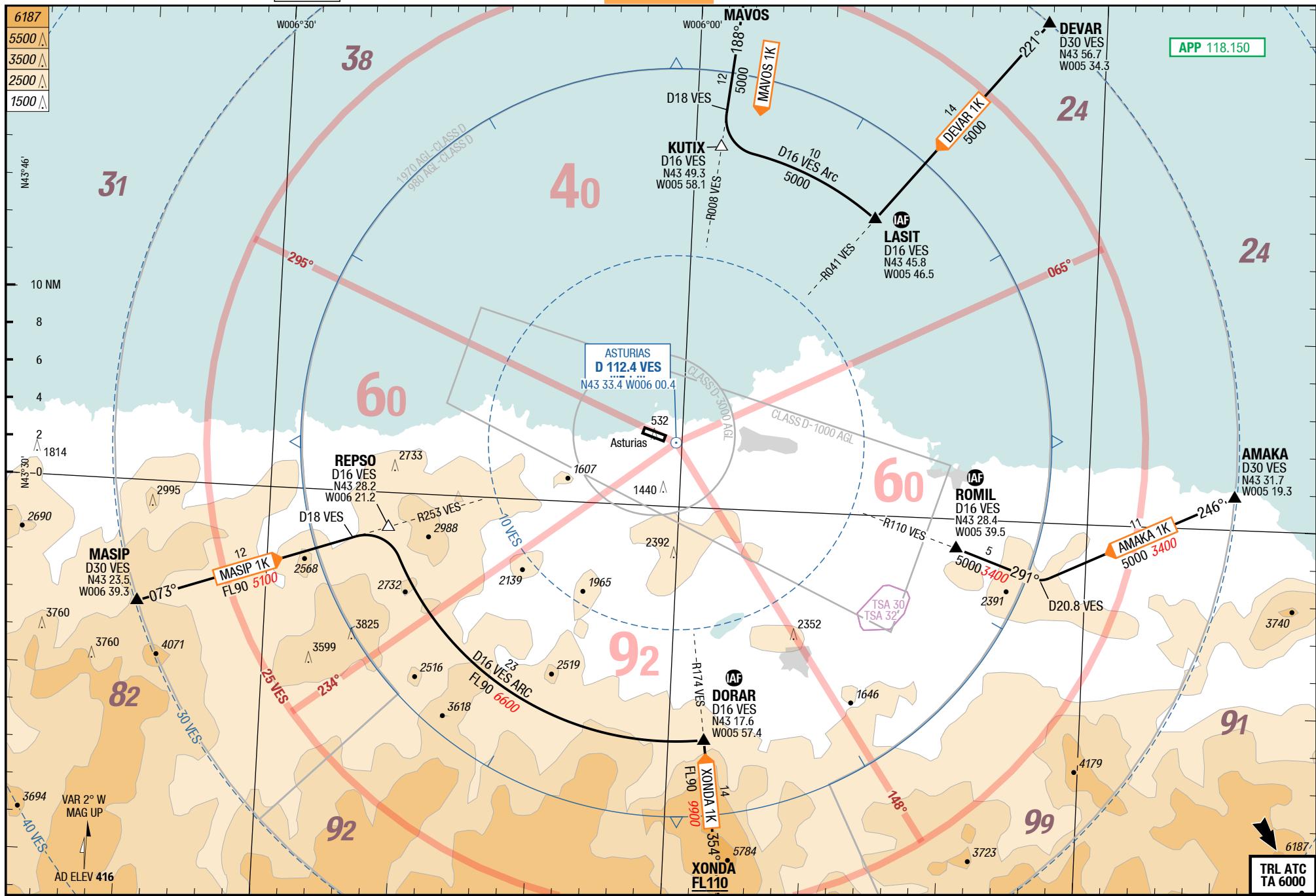
OVD-LEAS

Spain Asturias

Asturias Spain

6-40 CDA STARs RWY 29 (ATC)

CDA STARs RWY 29 (ATC)

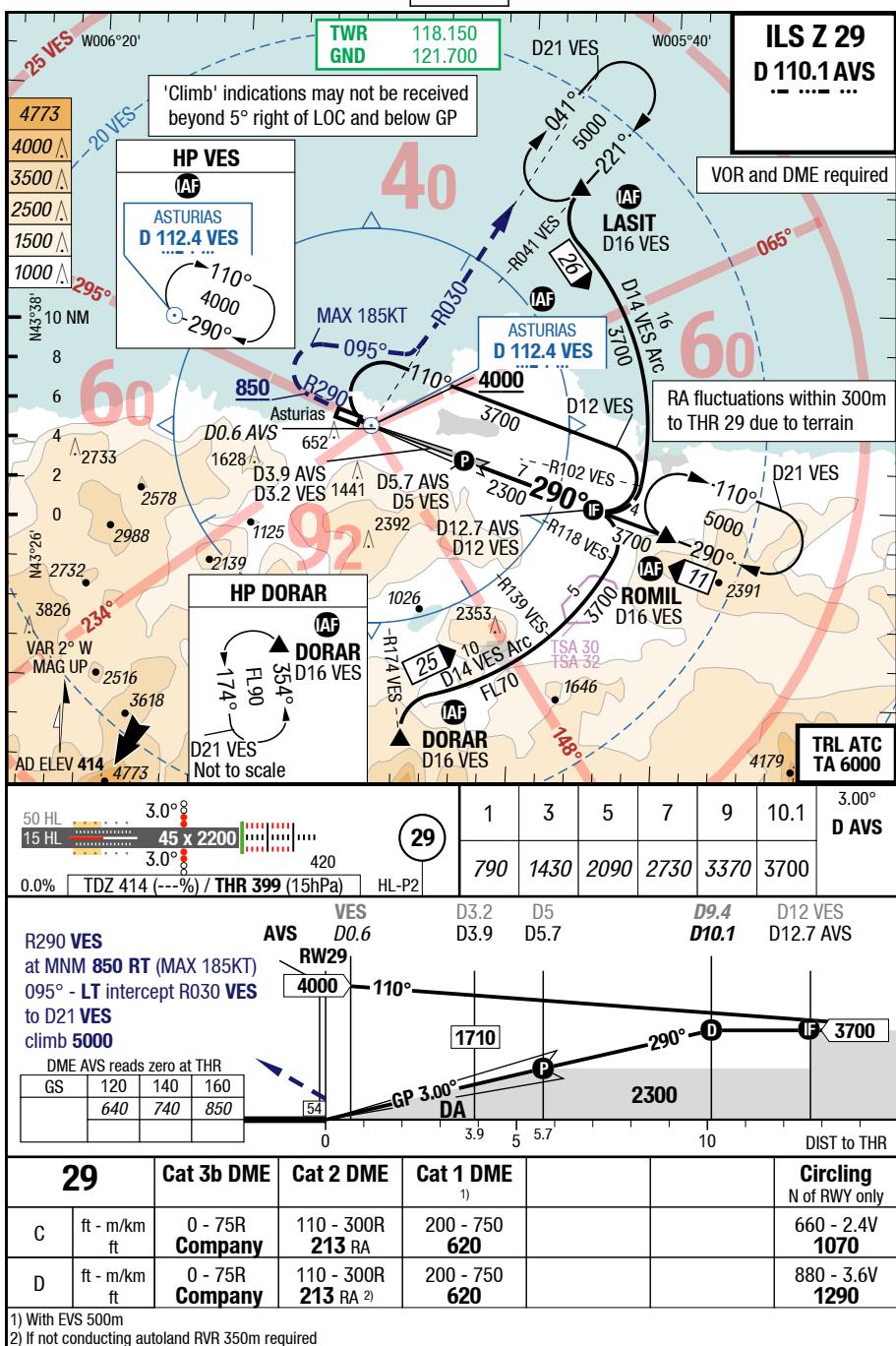


17-MAY-2018

OVD-LEAS

7-10

ILS Z 29

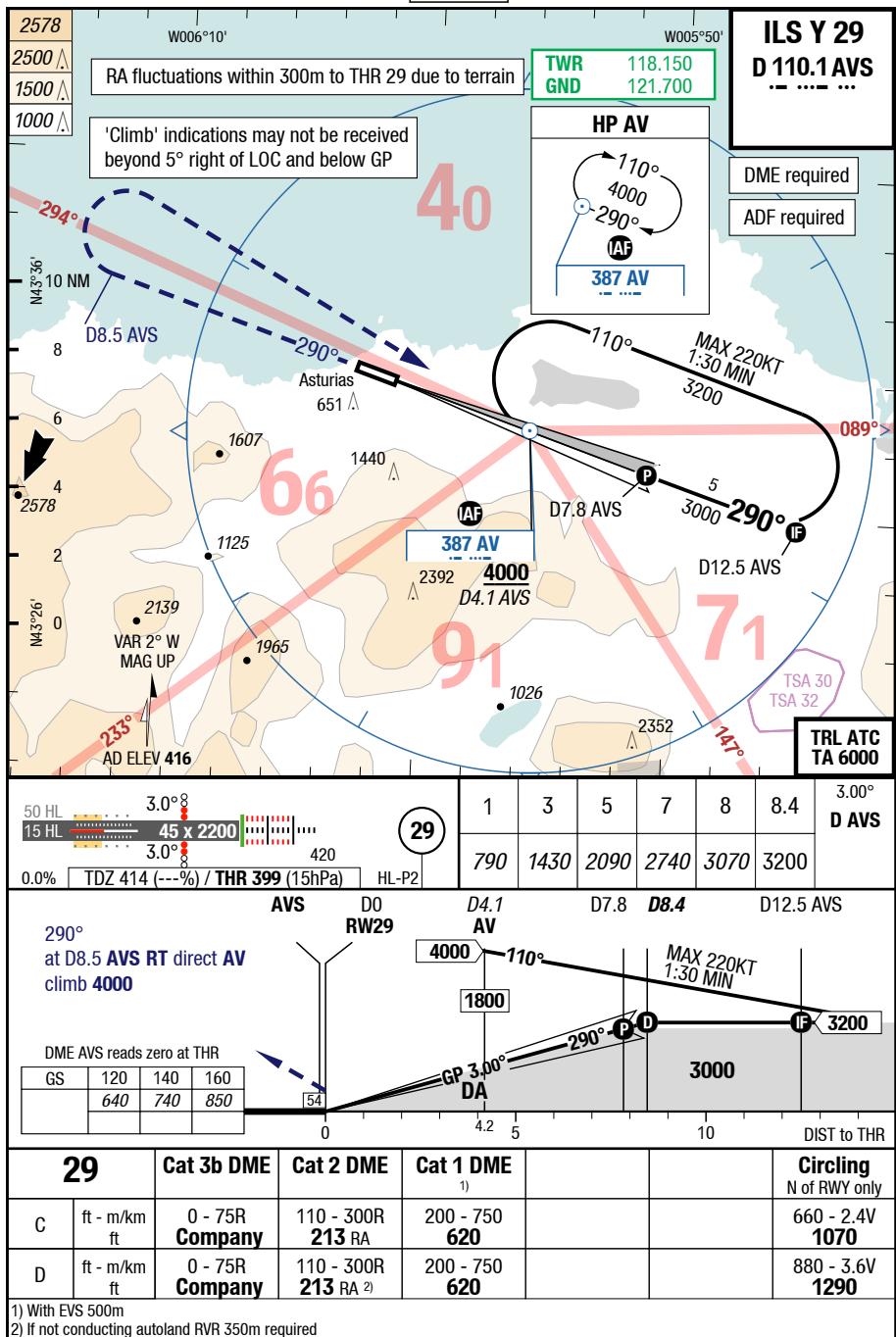


Changes: ALT, OBST, DIST, AD ELEV, MISAP text

7-20

ILS Y 29

OVD-LEAS



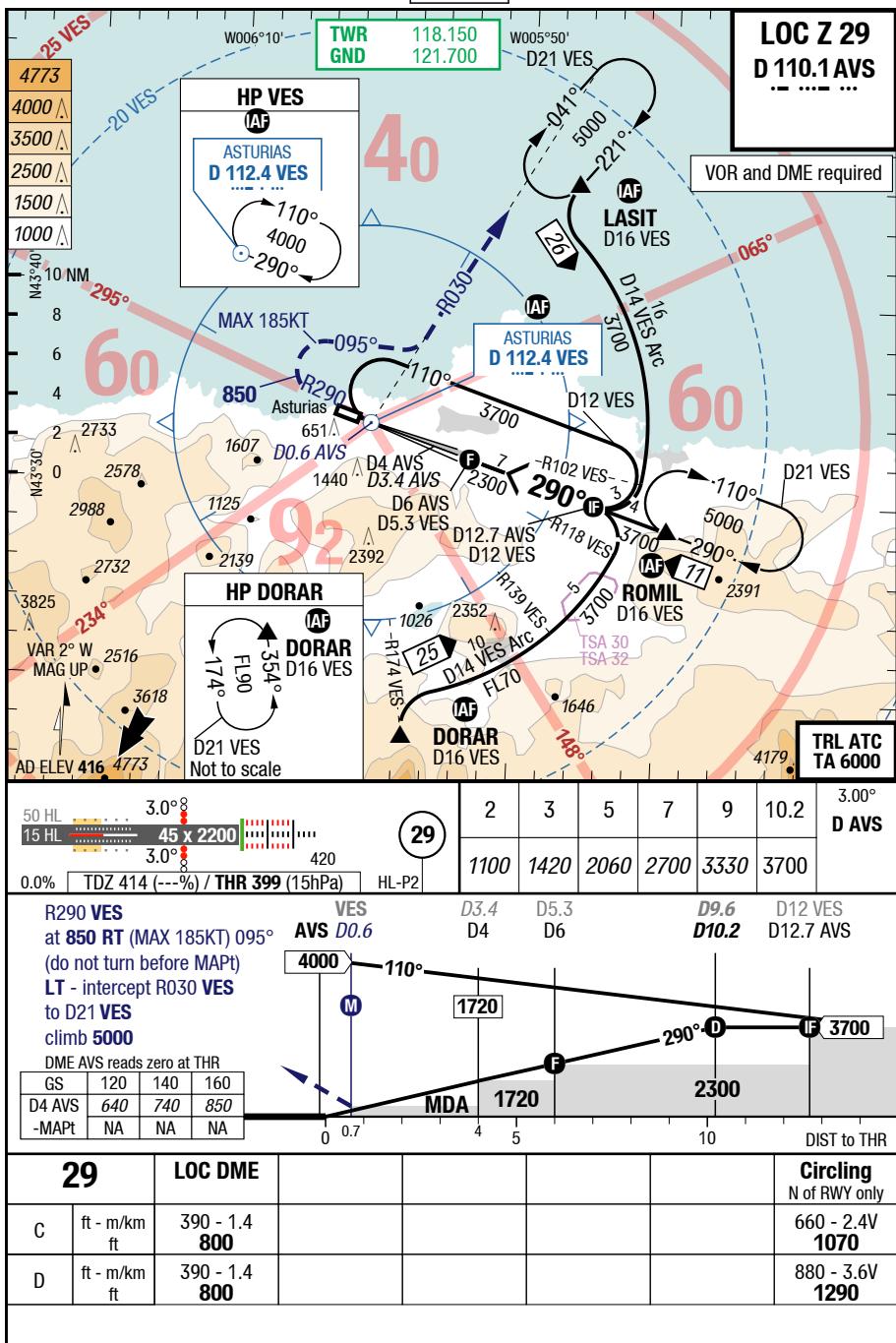
1) With FVS 500m

2) If not conducting autoland RVR 350m required

OVD-LEAS

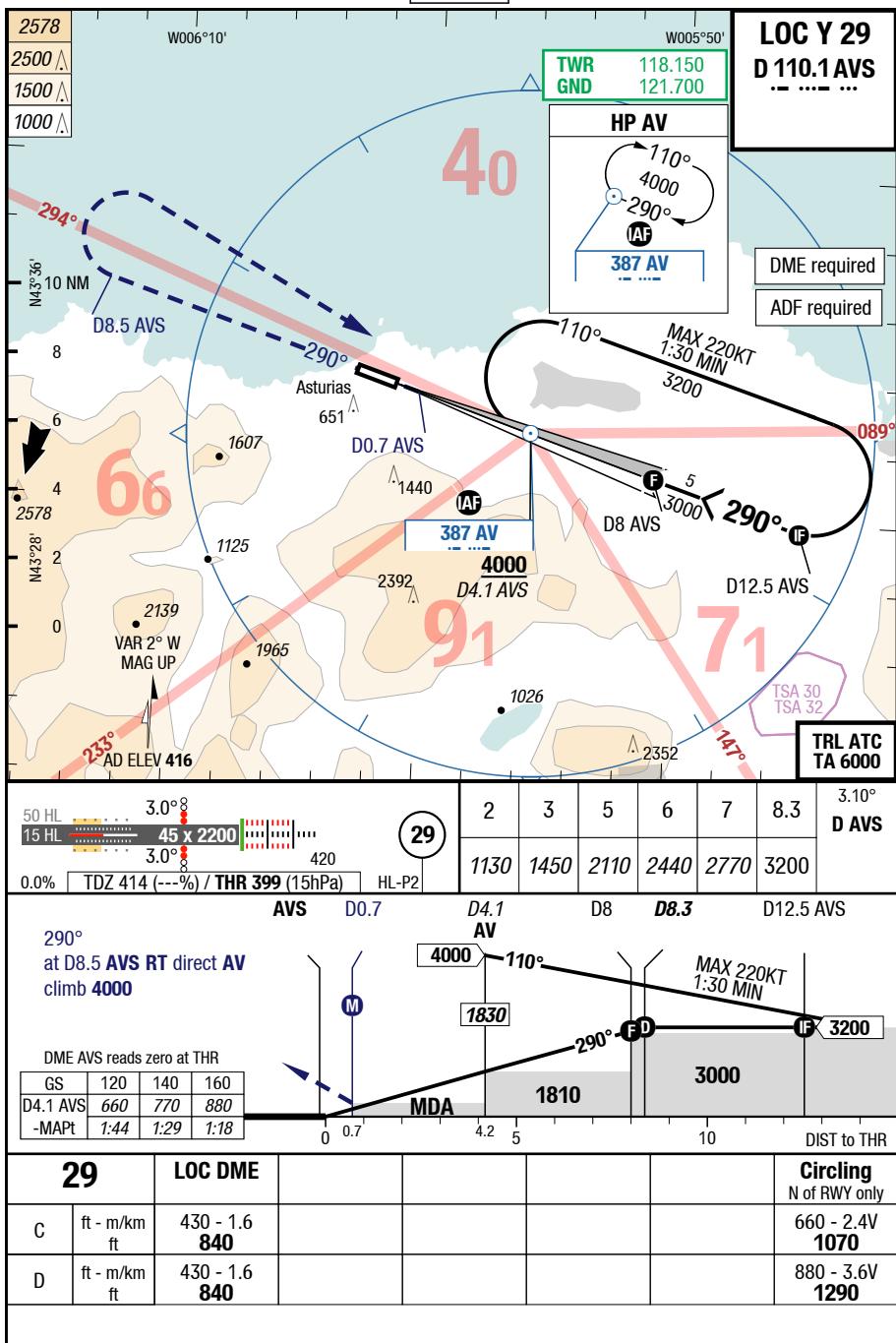
7-30

LOC Z 29



7-40

LOC Y 29

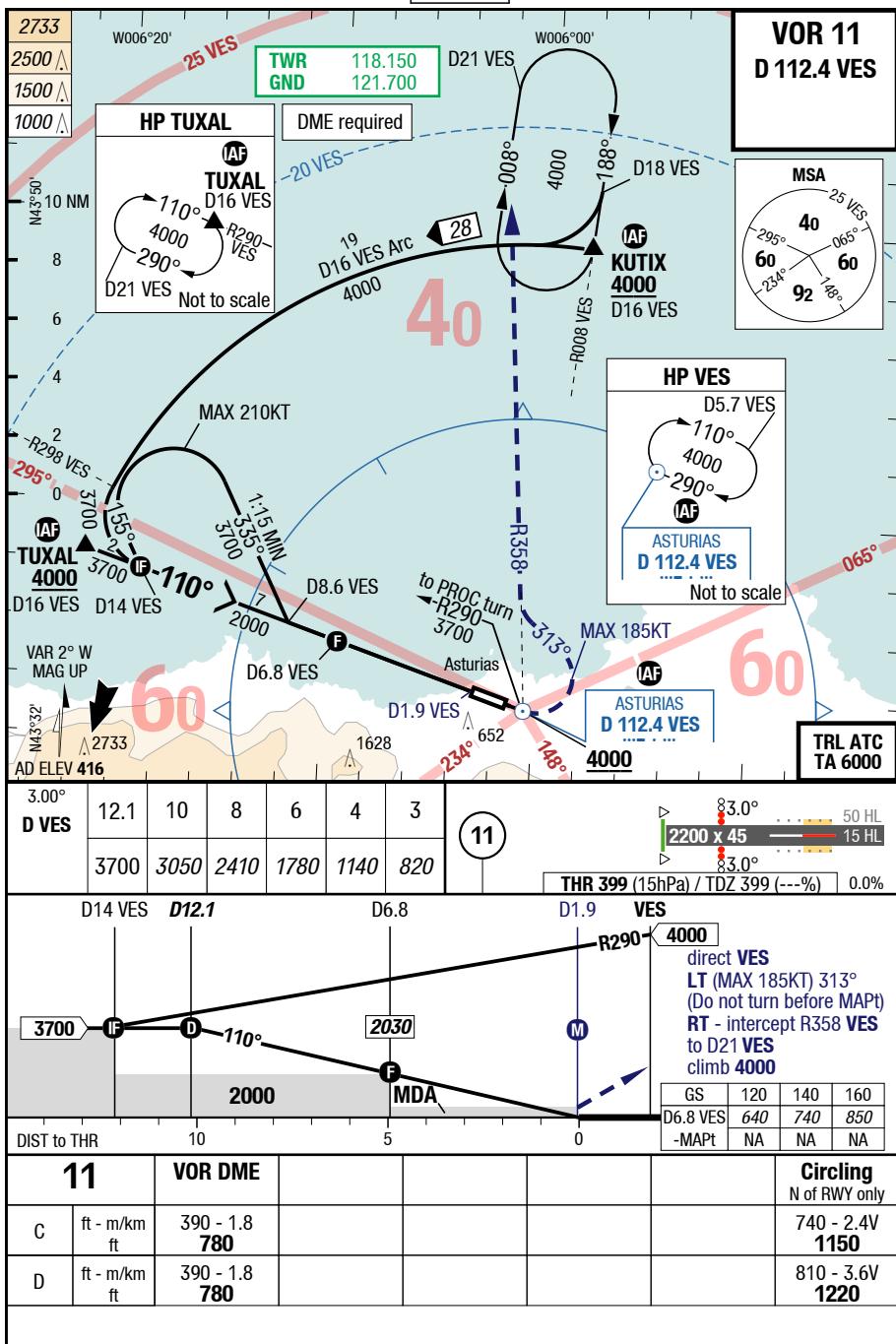


Changes: MIN

OVD-LEAS

7-50

VOR 11

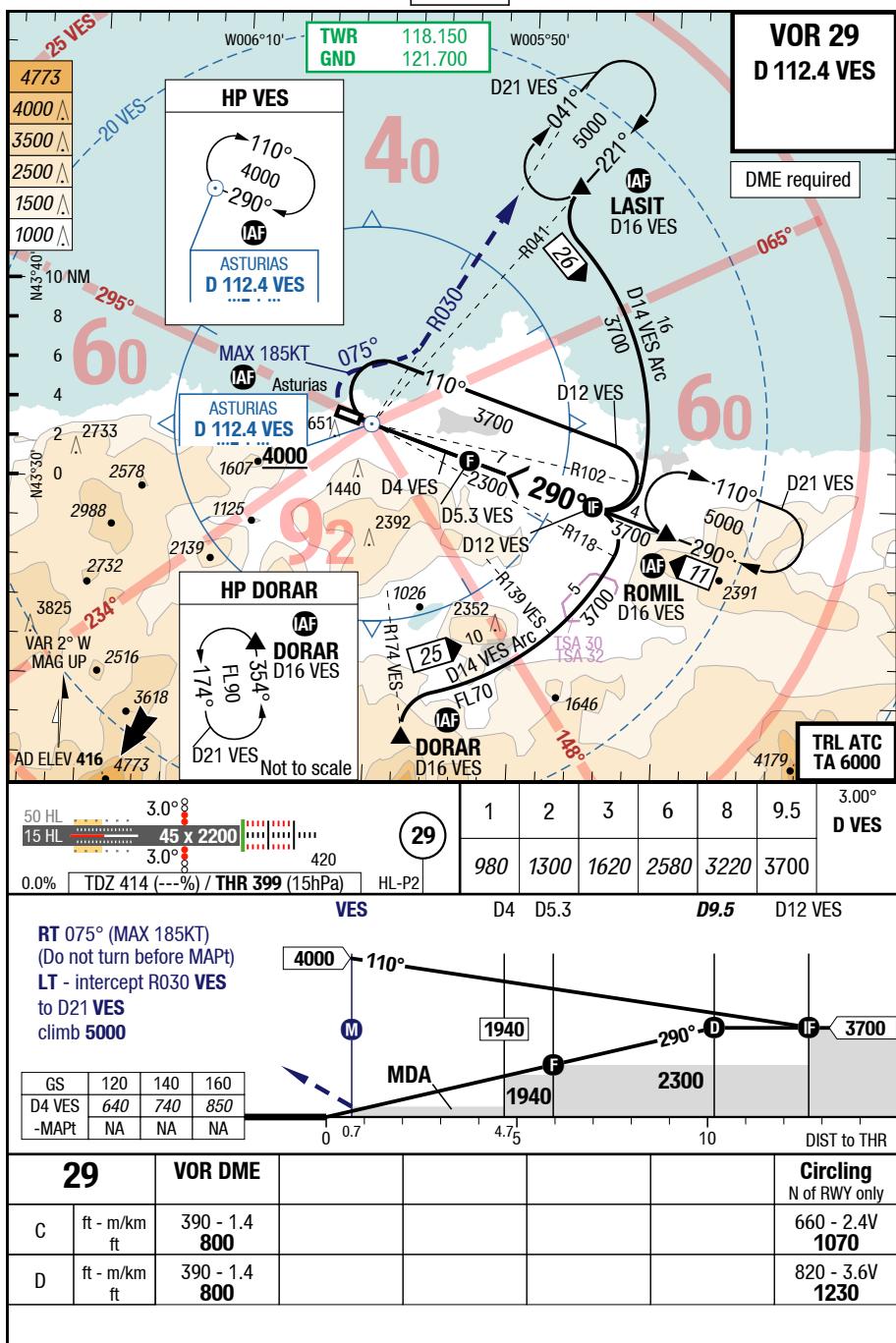


Changes: OBST

OVD-LFAS

7-60

VOR 29



7-70

NDB 11

