

## SPAIN

Jeppesen CHART CHANGE NOTICES highlight only **significant** changes affecting Jeppesen Charts, also regularly updated at [www.jeppesen.com](http://www.jeppesen.com).  
**IMPORTANT: CHECK FOR NOTAMS AND OTHER PERTINENT INFORMATION PRIOR TO FLIGHT.**

## ENROUTE CHARTS

**GENERAL**

According to Amendment 85 to ICAO Annex 10 all ACAS units shall be compliant with version 7.1 after 1 January 2017.

**CYPRUS**

All traffic inbound LLBG airport shall arrange to cross BIRESE, LEDRA and ZOMBA or abeam these points at or below FL310. Pilots shall request descent by NICOSIA CONTROL so as to meet the above restriction. (N33 E032) **A HL-2.**

**CYPRUS / GREECE**

ATS ROUTE SYSTEM (HIGH/LOW) revised within Athens FIR, Hellas UIR and Nicosia FIR/UIR. For details refer to CCN 303. **A HL-2.**

**GREECE**

CDR 2 and 3 status withdrawn from all ATS routes within the Athens FIR and Hellas UIR. **A HL-2.**

**PORTUGAL**

ATS CONTINGENCY ROUTES revised within MADEIRA SECTOR. For details refer to CCN 307. **A HL-1.**

**ALGERIA****ATS ROUTES changed:**

G859, DAYAT (N3352.3 E00500.0) - Biskra VORDME (BIS), MEA FL110. **A HL-1.**  
 R978; KAMER (N3900.0 E00605.3) to NADJI, MEA FL120. **A HL-1.**  
 UB738, LIGUM (N3550.0 W00200.0) to El Bayadh VORDME (BAY), MEA FL310. **A HL-1.**  
 UM629, BAGBO (N3019.0 W00539.2) - MERAT, 150NM; BAGBO to USRUT, MAA FL450. **A HL-1.**  
 UM744, CARBO (N3615.1 W00129.7) to Mostaganem VORDME (MOS), MEA FL260. **A HL-1.**  
 UM744, YESNA CRP estbld at N3604.2 W00038.5; CARBO - YESNA - Mostaganem VORDME (MOS), 43/39NM. **A HL-1.**  
 UV508, KAMER (N3900.0 E00605.3) to Bordj Omar Driss (BOD) VORDME, redesignated UM508. **A HL-1.**  
 OUARGLA Lctr (OU) decmsnd (N31 E005). **A HL-1.**  
 TLEMEN NDB (TLM) decmsnd (N35 W001). **A HL-1.**  
 ZARZAITINE VORDME (ZIN) decmsnd (N28 E009). **A HL-2.**

**CANARY IS****ATS ROUTES changed:**

A873, ODEGI (N2653.7 W01617.4) to Gran Canaria VORDME (GDV), cruising levels chgd to standard. **A HL-1.**

B600, Gran Canaria VORDME (GDV) - ROTUM, CDR 1 (N28 W015). **A HL-1.**

B600, Gran Canaria VORDME (GDV) to Dakhla VORDME (DKH), cruising levels chgd to NON-standard, EVEN levels S-bound (N28 W015). **A HL-1.**

G5, PUCLO (N2542.6 W01835.8) to Gran Canaria VORDME (GDV), CDR 1. **A HL-1.**

G851, LOMAS (N2743.2 W01541.5) to CABOJ, CDR 1. **A HL-1.**

H770, LIMAL (N2500.0 W01737.5) to Tenerife Sur VORDME (TFS), CDR1. **A HL-1.**

H770, VIDRI (N2653.7 W01702.4) - Tenerife-South VORDME (TFS), cruising levels chgd to standard, EVEN-lvls N-bound; LIMAL - VIDRI, cruising lvls chgd to NON-standard, EVEN-lvls S-bound. **A HL-1.**

UM660, Gran Canaria VORDME (GDV) - ROTUM, CDR 1 (N28 W015). **A HL-1.**

UM660, Gran Canaria VORDME (GDV) to Dakhla VORDME (DKH), cruising levels chgd to NON-standard, EVEN levels S-bound (N28 W015). **A HL-1.**

UN728, LOMAS (N2743.2 W01541.5) to CABOJ, CDR 1. **A HL-1.**

UN729, Gran Canaria VORDME (GDV) to CABEL, CDR 1 (N28 W015). **A HL-1.**

UN857, Lanzarote VORDME (LZR) to BIPET, CDR 1 (N29 W013). **A HL-1.**

UN871, APASO (N2500.0 W01930.3) to Gran Canaria VORDME (GDV), CDR 1. **A HL-1.**

UT770, LIMAL (N2500.0 W01737.5) - VIDRI, cruising levels chgd to NON-standard, ODD levels N-bound. **A HL-1.**

UT770, Tenerife Sur VORDME (TFS) to LIMAL, CDR 1 (N28 W016). **A HL-1.**

UY422 extended; GOMER NCRP at N2800.0 W01720.0 - URQUI, 172°/352°, 68NM, MEA FL200, CDR 2. **A HL-1.**

UY422, GOMER (N2800.0 W01720.0) - BIPET, CDR 1. **A HL-1.**

UY611, El Hierro NDB (HIE) to CABOJ, CDR 1 (N27 W017). **A HL-1.**

UZ27, ODEGI (N2653.7 W01617.4) - BIPET, CDR 1. **A HL-1.**

UZ353, ROTUM (N2500.0 W01547.2) - ODEGI, CDR 1. **A HL-1.**

VIDRI (N2653.7 W01702.4) renamed URQUI. **A HL-1.**

**CYPRUS****ATS ROUTES changed:**

M13, RUDER (N3457.2 E03407.5) - BAPAX, chgd to one-way N-bound. **CCN 303.**

GRID MORA (N33-N34/E033-E034) should read 2000'. **CCN 303.**

GRID MORA (N35-N36/E032-E033) should read 6600'.

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CCN 303.

## EGYPT

## ATS ROUTES changed:

A727; Abu Simbel VORDME (SML) to Cairo VORDME (CVO), N-bound MAA FL250, Cairo VORDME (CVO) to Alexandria VORDME (NOZ), SE-bound MAA FL250, Alexandria VORDME (NOZ) to GESAD chgd to two-way, NW-bound MAA FL280, SE-bound MAA FL250 (N22 E031). **A HL-2.**

L300, OTEMO CRP estbld at N2503.7 E03508.2, GIBAL - OTEMO - MEMPO, 83/70NM, ufn. **A HL-2.**

L315, SOBEL (N2650.2 E03410.7) - Hurghada VORDME (HGD) chgd to two-way, 311°/131°; Hurghada VORDME to Cairo VORDME (CVO), MEA FL100. **A HL-2.**

L604, IVOTI CRP estbld at N2554.7 E03408.4, ASRAB - IVOTI - LORAS, 56/17NM, ufn. **A HL-2.**

M686, OTEMO CRP estbld at N2503.7 E03508.2, GIBAL - OTEMO - MEMPO, 83/70NM, ufn. **A HL-2.**

R650, ORBIB CRP estbld at N2626.9 E03325.9, ASRAB - ORBIB - KUSAT, 43/23NM, ufn. **A HL-2.**

T55 extended; NABED - ORBIB CRP at N2626.9 E03325.9, 125°, 80NM; ORBIB - IVOTI CRP at N2554.7 E03408.4 - Marsa Alam VORDME (MAK) CRP, 126°, 50/30NM; Marsa Alam VORDME - OTEMO CRP at N2503.7 E03508.2 - DEDLI, 131°, 44/196NM; NABED to DEDLI, one way SE-bound, MEA FL310, ufn. **A HL-2.**

T565, RASDA (N3306.0 E03057.0) to RAKMU withdrawn. **A HL-2.**

## FRANCE

## ATS ROUTES changed:

B384, Perpignan Rivesaltes VORDME (PPG) - ALBER, cruising levels chgd to NON-standard, ODD levels S-bound (N42 E002). **LEBL 10-1.**

Perpignan Rivesaltes VORDME (PPG) relocated to N4245.0 E00252.1, freq chgd to 117.2 (until 26 JAN 2022). **E LO-5.**

SAINTE LEOCADIE Lctr (SAL) 418 cmsnd at N4226.8 E00200.8. **LEBL 10-1.**

## GREECE

## ATS ROUTES changed:

UM1, ARLOS (N3437.5 E02300.0) - Sitia VORDME (SIT), CDR 1. **A HL-2.**

HELLAS UIR upper limit FL660 class (C) instead of FL460 class (C). **A HL-1/COVER PANEL.**

## INDONESIA

## ATS ROUTES changed:

Z669 AGIMU - DEKAI STANDARD Cruise Levels (S04 E139). **AS HL-2.**

## ITALY

## ATS ROUTES changed:

M978, DOBIX (N3630.0 E01207.6) - SONAK, MEA FL120. **A HL-2.**

M979, SONAK (N3637.2 E01130.0) - DINUX, MEA FL120. **A HL-2.**

## LIBYA

## ATS ROUTES changed:

A18, DERJE (N2947.7 E01119.0) - ZARZAITINE VORDME (IMN), 039°/219°. **A HL-2.**

A411, PRAWN (N3240.0 E01805.0) - BENINA VORDME (BNA), 103°/284°; BENINA VORDME - MKILY, 091°/272°. **A HL-2.**

M1, REDFI (N3320.5 E02054.7) - WHALE, 205°/025°; WHALE - BENINA VORDME (BNA), 199°/019°. **A HL-2.**

T295, SHELL (N3320.4 E01315.5) - NAWRS, MEA FL70. **A HL-2.**

UN163, TAWUS CPR estbld at N3152.3 E01317.6; Abu Argub VORDME (ABU) - TAWUS - Gheriat NDB (GRT), 36/90NM. **A HL-2.**

V100, CIBIA (N3240.2 E01601.2) to DOLFI, 064°/244°. **A HL-2.**

V300, HAMOR (N3209.0 E01824.0) to MISRATA VORDME (MIS), MEA FL130. **A HL-2.**

V400, TRIPOLI VORDME (TPI) - KHOMS, MEA FL70 (N32 E013). **A HL-2.**

V500, KADRA NDB (KDR) to ZWARA NDB (ZAR), MEA FL70 (N32 E015). **A HL-2.**

V600, ABU ARGUB VORDME (ABU) - RHYAN, MEA FL70 (N32 E013). **A HL-2.**

V700, ABU ARGUB VORDME (ABU) - TAWUS, MEA FL70 (N32 E013). **A HL-2.**

V800, ABU ARGUB VORDME (ABU) - UBARI NDB (UBR), MEA FL70 (N32 E013). **A HL-2.**

V900, ABU ARGUB VORDME (ABU) - SAKKR, MEA FL70 (N32 E013). **A HL-2.**

V950, UKSAG (N3304.8 E01245.5) - CONCH, 111°/292°. **A HL-2.**

W860, MITIGA VORDME (MTG) to MISRATA VORDME (MIS), MEA FL70; MITIGA VORDME - KHOMS, 108°/288°; CILBA - MARSALA BREGA NDB (MB), 112°/293°; (N32 E013). **A HL-2.**

W861, LABRAQ NDB (LAB) - BENINA VORDME (BNA) 245°/063°; SIRTE VORDME (SRT) - TAMIT, 248°/069°; (N32 E022). **A HL-2.**

Z178, RASNO (N3420.0 E02128.0) - LABRAQ NDB (LAB), MAA withdrawn; cruising levels STANDARD, EVEN lvs NW-bound. **A HL-2.**

BENGHAZI TMA renamed BENINA TMA (N32 E020). **A HL-2.**

HL(P)-AREA estbld, GND-45000'. (N32 E011). **A HL-2.**

JUFRA VOR (JUF) decmsnd. (N29 E015). **A HL-2.**

NDBs within Tripoli FIR decmsnd:  
 AMAL NDB (VA) (N29 E021)  
 BENI WALID NDB (WLD) (N31 E014)  
 BOOSTER NDB (XY) (N29 E023)  
 BU ATTIFEL NDB (ZT) (N28 E022)  
 EDDIB NDB (VG) (N28 E017)  
 EL SHARARA NDB (ROO) (N26 E012)  
 ESSIDER NDB (OJ) (N30 E018)  
 GIALO NDB (GAL) (N28 E021)  
 GIALO NDB (OB) (N28 E021)  
 HAMADA NDB (CW) (N29 E012)  
 HATEIBA NDB (KH) (N29 E019)  
 KUFRA NDB (KFR) (N24 E023)  
 N 29C NDB (STF) (N29 E017)  
 NAFOORA NDB (OV) (N29 E021)  
 OXY NDB (OXY) (N29 E020)  
 RAGUBA NDB (RAG) (N29 E019)

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RAS LANUF NDB (VR) (N30 E018)  
 SABAH NDB (PRB) (N28 E018)  
 SAHIL NDB (SAH) (N29 E020)  
 SAMAH NDB (OA) (N28 E019)  
 SEBHA NDB (SEB) (N27 E014)  
 SIRTE NDB (SRT) (N31 E016)  
 TAGRIFT NDB (VH) (N29 E018)  
 TEBESTY NDB (VO) (N28 E019)  
 Wafa NDB (WF) (N28 E010)  
 WAHA NDB (OR) (N28 E019)  
 ZELLA NDB (PRC) (N28 E017)  
 ZELTEN NDB (ZEL) (N26 E019)  
 ZUEITINA NDB (ZUE) (N30 E020). **A HL-2.**  
 TOBRUK CTR estbld; GND-5000' (N31 E023).  
**A HL-2.**

**PORTUGAL**

**ATS ROUTES changed:**

G851, TABOM replaced by FAGUT NCRP at N3206.6 W01628.3; Porto Santo VORDME (SNT) - FAGUT - ORTIS, 59/42NM. **A HL-1.**  
 Q/UQ147, ELBIM replaced by DEMZO NCRP at N3313.8 W01715.5; DEMZO - IRKID, 59NM. **CCN 307.**  
 Q207, NIKAV replaced by ILCAT NCRP at N3326.1 W01702.9; IRSAN - ILCAT - PELUS, 32/1NM. **CCN 307.**  
 R1, MADAT (N3209.7 W01705.1) withdrawn, NELSO - Porto Santo VORDME (SNT), 101NM. **A HL-1.**  
 UL600, PELUS replaced by ILCAT NCRP at N3326.1 W01702.9; Porto Santo VORDME (SNT) - ILCAT - IRKID, 41/59NM. **A HL-1.**  
 UN975, CRP's estbld, RAKUN at N3333.4 W01546.9 and FAGUT at N3206.6 W01628.3; RULET - RAKUN - Porto Santo VORDME (SNT) - FAGUT - ORTIS, 60/40/59/42NM. **A HL-1.**  
 W3, IRKID (N3355.5 W01804.2) to Porto Santo VORDME (SNT) realigned; IRKID - ILCAT NCRP at N3326.1 W01702.9 - Porto Santo VORDME (SNT), 59/41NM. **A HL-1.**

ELRAD (N3330.5 W01619.9) withdrawn  
 EVONI (N3211.8 W01610.7) withdrawn  
 MAMUP (N3205.6 W01533.4) withdrawn  
 TIGGI CRP estbld at N3558.0 W01056.1. **CCN 307.**  
 XINGA HOLDING estbld (N3303.0 W01708.6), inbound track 092°, RIGHT turns, MHA FL150. **CCN 307.**

**SPAIN**

**ATS ROUTES changed:**

A29, MOPAS (N4226.1 E00102.1) - GIROM, MEA FL140. **LEBL 10-1.**  
 A44, ROSAL (N3801.3 W00706.1) to Seville VORDME (SVL), CDR1. **LEMG 10-1.**  
 A871; LOGRO (N3900.0 W00354.0) - ETANA, MEA FL110. **LEMD.**  
 B28, VIBAS (N3723.5 W00337.9) - BAZAS, MEA FL90. **LEMG 10-1.**  
 B42, CRISA (N3856.3 W00433.4) - VULPE, CDR1. **LEMG 10-1.**  
 B42; DOPEN (N3945.3 W00423.0) - MONTO, MEA FL130. **LEMD 10-1.**  
 B95, Malaga VORDME (MGA) to GONZA, CDR1 (N36 W004). **A HL-1, LEMG 10-1.**

G53, Castejon VORDME (CJN) to Yeste VORDME (YES), CDR1 (N40 W002). **LEMD 10-1.**  
 H150, Castejon VORDME (CJN) to MOTIL, CDR1 (N40 W002). **LEMD 10-1.**  
 H230, SOTUK (N3911.6 W00444.8) - USOKO, MEA FL130. **LEMD 10-1.**  
 H372, Bailen VORDME (BLN) - BAZAS, CDR1; ROLAS (N3724.9 W00251.3) to Almeria VORDME (AMR), CDR2; Almeria VORDME - ESAMI, CDR1. **A HL-1, LEMG 10-1.**  
 R24, Malaga VORDME (MGA) to GOLFO, CDR1 (N36 W004). **A HL-1, LEMG 10-1.**  
 UL27, LARDA replaced by YAKXU NCRP at N4205.9 W00112.8; BRITO - YAKXU, 033°. **LEMD 10-1.**  
 UL150, NANDO (N3959.3 W00210.5) to ASTRO, CDR 1; MAGAL to LABRO, CDR 1. **LEMD 10-1.**  
 UM30, PIMUR (N3717.5 W00631.1) to PARKA, CDR 2. **LEMG 10-1.**  
 UM143, Castejon VORDME (CJN) to Yeste VORDME (YES), CDR 1 (N40 W002). **LEMD 10-1.**  
 UM192, Bailen VORDME (BLN) - BAZAS, CDR 1 (N38 W003). **LEMG 10-1.**  
 UM744, LASIB (N3802.3 W00713.4) to Seville VORDME (SVL), CDR 1. **LEMG 10-1.**  
 UN608, BARBO (N4226.9 E00054.2) - GIROM, MEA FL140. **LEBL 10-1.**  
 UN864, CRISA (N3856.3 W00433.4) - VULPE, CDR 1. **LEMG 10-1.**  
 UN870, RAKOD (N3946.8 W00637.7) to DIPOL, CDR 2. **LEMD 10-1.**  
 UN871, LARDA replaced by YAKXU NCRP at N4205.9 W00112.8; SEGRE - YAKXU - RONNY, 040°, 83/26NM. **LEMD 10-1.**  
 UN975, PALIO (N4015.7 W00302.9) to Toledo VORDME (TLD), chg to two-way, 255°/075°. **LEMD 10-1.**  
 UT257, FENXE NCRP estbld at N3943.3 W00132.9; NANDO NCRP - FENXE - MABUX, 33/21NM. **LEMD 10-1.**  
 UT257, NANDO (N3959.3 W00210.5) to MABUX, CDR 1. **LEMD 10-1.**  
 CORDOBA NDB (COR) decmsnd. (N37 W004). **LEMG 10-1.**

**TERMINAL CHARTS**

**TERMINAL**

**Albacete**, Spain, (Albacete AB), Works on civil apron (based on SUP 15-21, from 07-Oct-21 based on SUP 185-21). Please refer to temp chart 10-8 and latest NOTAMS.  
**Alicante**, Spain, (Alicante-Elche Miguel Hernandez), Apt name changed to Alicante-Elche Miguel Hernandez.  
**Asturias**, Spain, IAP VOR Rwy 11 (chart 13-1): Straight-in minimums restricted to Circle-to-land minimums (based on NTM B6832/21, eff 7-Oct-21 based on NTM B6834/21).  
**Badajoz**, Spain, (Talavera La Real AB), Right wingbar of VASI u/s (based on SUP 19-20, with eff date 22 APR 21 based on SUP 49-21).

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TWY C4 and C6 closed (based on SUP 19-19, with eff date 27 FEB 20 based on SUP 18-20).

**Barcelona**, Spain, (El Prat), Airport name changed to Josep Tarradellas-El Prat.

For restrictions during works on rwy 07L/25R strip (based on SUP 37-21, with eff date 09 SEP 21 based on SUP 133-21) refer to temporary charts 10-8/10-8A and latest notams.

For restrictions during works on twy S, T and Ramp 2 (based on SUP 156-21) refer to temporary charts 10-8B/10-8C, 10-8D and latest Notams.

**Beja**, Portugal, (Beja AB), Non-Tacan equipped ACFT expect radar vectors for ILS approach.

REIL Rwy 01L/19R u/s (based on SUP 044-20 and MIL SUP 026-20).

**Bilbao**, Spain, During works on SFL on HIALS rwy 30 in 5 phases, following restrictions apply (based on SUP 60-21). During phase 1, in-pavement SFL of the subsystem unavailable.

During phase 2, SFL subsystem unavailable. During phase 3, REIL unavailable. Caution is recommended due to presence of personnel and machinery.

For restrictions during works on twys (based on SUP 64-21, from 12 AUG 21 based on SUP 108-21), refer to temporary charts 10-8/10-8A and latest NOTAMs.

**Burgos**, Spain, (Villafria), Works on aircraft parking apron (based on SUP 184-21). All working zones will be duly marked and lit. CAUTION is recommended due to presence of personnel and machinery. Refer also to latest NOTAMs.

**Castellon**, Spain, Apron TWY between stands 01 and 02 included closed (based on SUP 139-20).

Apron TWY between stands 05 and 08 included restricted to ACFT with MAX code letter C (based on SUP 138-20, eff 20 MAY 21 based on SUP 80-21).

TWYs B and D partly not visible from Tower (based on SUP 014/21).

**Girona**, Spain, Construction works on rwy 01/19 (based on SUP 160-20). Refer to temporary chart 10-8B and latest NOTAMs.

**Gran Canaria**, Canary Is, Works on Airport (based on SUP 132-20, from 15 JUL 21 based on SUP 100/21). Refer to temp charts 10-8 thru 10-8C and latest NOTAMs.

**Granada**, Spain, (Federico Garcia Lorca), Works on airport (based on SUP 154-20). Refer to temporary chart 10-8 and latest NOTAMs.

**Huesca**, Spain, (Pirineos), REIL Rwy 12R unserviceable (SUP 127/19, with effective date 08 OCT 20 based on SUP 118/20).

REIL Rwy 30L unserviceable (SUP 128/19, with eff date 08 OCT 20 based on SUP 119/20).

Stop bar lights on twy A unserviceable (based on SUP 36/21).

The switch-on of the lights of visual aids will be delayed by 15 minutes (based on SUP 98-20, with eff date 7 OCT 21 based on SUP 169-21).

**Ibiza**, Spain, Due to temporary unavailability of VOR DME IBA (based on SUP 078-21, eff 7 OCT 21 based on SUP 165-21) following procedures suspended: (11-1) ILS Z or LOC Rwy 06, (11-4) ILS Z Rwy 24, (11-7) LOC Rwy 24, (13-1) VOR Rwy 06, (13-2) VOR Rwy 24.

In Communications Failure procedures published on EMERGENCY pages State Rules and Procedures 'IBIZA AIRPORT', 'Arrival Procedure', 'b.' VORDME IBA reads NDB IZA.

Should VOR IBA and NDB IZA be unavailable simultaneously, in the event of LOST COMM proceed to the alternate aerodrome.

Machinery will be present in areas close to VOR DME IBA due to WIP; the working zone will be duly marked and lit.

Refer also to latest NOTAMs.

For restrictions due to works on RWY and TWYs (based on AIRAC SUP 157-21), refer to temporary charts 10-8/10-8A, 10-8B/10-8C, 10-8D and latest NOTAMs.

(SIDs) Due to VORDME IBA & JOA being u/s apply the following for all SIDs: Modify general note 1 to read 'RNAV 1 (DME/DME) with critical DME ATE, CTN, MJV and VLC.'

(10-1R) IBA VORDME is replaced by IBA fix with the same coordinates. Based on SUP 165/21.

(STARS) Due to VORDME IBA and JOA u/s apply the following:

For RWY 06: RNAV 1 (DME/DME), from the SOUTH of airport, with critical DME CTN and MJV.

For RWY 24: RNAV 1 (DME/DME) with critical DME CTN and MJV.

(10-2, 10-2A, 10-2B, 10-2C) In the vicinity of IB810: RNAV 1 (DME/DME) with critical DME CLE or RNAV 1 (DME/DME) /IRU.

(10-2E, 10-2F) For RIXOT STARS: RNAV 1 (DME/DME) with critical DME BGR, MHN and VLA.

For MORSS STARS: RNAV 1 (DME/DME) with critical DME POS.

(10-2F, 10-2G) For NEVIC STARS: RNAV 1 (DME/DME) /IRU (IRU required) and MIN 170 KT between ADROI and NELUX. Otherwise not available.

**Jerez**, Spain, Due to temporary unavailability of VOR DME JRZ (based on AIRAC SUP 96-21, to be activated by NOTAM, from 04 NOV 21 based on AIRAC SUP 174-21) following procedures suspended: (11-1) ILS Z or LOC Z Rwy20, (13-1) VOR Rwy 02 and (13-2) VOR Rwy 20. Refer also to latest Notams.

JRZ VOR DME TEMP u/s (AIRAC SUP 96-21, activated by NOTAM).

RNAV SIDs (10-3) not usable.

Following changes apply to SIDs:

HIJ 2Q (10-3A): not usable until SVL,

HIJ 2V (10-3A): not usable until NAVUT,

MAR 2Q (10-3C): not usable until ALORA,

MAR 2W (10-3C): not usable until NAVUT,

MGA 2Q (10-3B): not usable until ALORA,

MGA 4K (10-3B): not usable until NAVUT,

ONUBA2Q (10-3D): not usable until D28.5 JRZ,

ONUBA 2V (10-3D): not usable until NAVUT,

OXACA 1Q (10-3E): not usable until ARROS,

PEPAS 2Q (10-3F): not usable until ALORA,

PEPAS 2W (10-3F): not usable until NAVUT,

SANTA 2Q (10-3G): not usable until ARROS,

SANTA 2V (10-3G): not usable until NAVUT,

VJF 2P (10-3H): not usable,

VJF 2V (10-3H): not usable until D15 JRZ,

VJF 3Q (10-3H): not usable until JRZ

(Until approx. 15 JUL 22)

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- JRZ VOR DME TEMP u/s (AIRAC SUP 96-21, activated by NOTAM).  
Following changes apply to STARs:  
HIJ 2U (10-2A): expect RADAR assistance between XETAN and JRZ.  
MAR 2T/2U (10-2/2A): expect RADAR assistance between D23.4 MAR and ARSAS,  
MGA 2S/2U (10-2/2A): expect RADAR assistance between D46.7 MGA and ARSAS,  
ONUBA 2U, SVL 2U (10-2C): expect RADAR assistance between XETAN and JRZ,  
VJF 2U (10-2C): expect RADAR assistance between D20.5 VJF and JRZ.  
ARSAS and JRZ holdings not usable.  
(Until approx. 15 JUL 22)
- JRZ VOR DME TEMP u/s (AIRAC SUP 96-21, activated by NOTAM).  
(10-3J) In case of communication failure during contingency departures:  
If JER NDB is available:  
Continue to climb to 3000 (RWY 20)/3500 (RWY 02), or as cleared by ATC, whichever is higher, turn LEFT to JER NDB to join holding. Hold over JER NDB for the time necessary to burn fuel, with a minimum of two complete holding circuits.  
When ready to touch down descend in holding to 2600, start ILS Y, LOC Y or NDB approach to RWY 20, with possible circuit to RWY 02.  
If JER NDB is not available:  
Proceed as indicated in airway manual - Emergency Procedures Europe/Radio Communication Failure Procedures Europe.  
(Until approx. 15 JUL 22)
- Works on runway and taxiways (based on SUP 061-21). Refer to TEMP charts 10-8/10-8A and latest NOTAMs.
- La Gomera**, Canary Is, (10-2, 10-3, 10-1R) LPC VORDME "Gran Canaria" renamed "Gran Canaria South".
- La Palma**, Canary Is, Construction works at airport, based on SUP 123-20. During phase 1 rwy 18/26 CL unserviceable. Refer also to latest NOTAMs.
- Lanzarote**, Canary Is, (Cesar Manrique Lanzarote), Airport Briefing (GEN CONTD) (10-1P1) Inset lights (point 1.7.2) shall not be installed and in service (based on SUP 088-20, from 9-Sep-21 based on SUP 148/21).
- Leon**, Spain, ABN out of service; RWY 06/24 natural ground compact closed; Helicopter landing area closed (based on SUP 15-20, eff 25 MAR 2021 based on SUP 38-21).
- Leon Approach frequency 121.275 MHz unserviceable (based on SUP 40/21).
- Lisbon**, Portugal, Construction works on RWY 17/35 (based on SUP 026-19). Refer to temp pages 10-8/10-8A and latest NOTAMs.
- Conversion of RWY 17/35 to TWY T (based on AIRAC SUP 044-19). Refer to temporary chart 10-8B and latest NOTAMs.
- Following procedures suspended (based on SUP 10/2020, eff 17 JUN 21 based on SUP 31/2021): (13-1) VOR Rwy 35, (11-01D) Missed apch with Comm fail Rwy 35, (19-11) Visual Approach Rwy 35.
- For RWY 35 all STARs & SIDs (conventional and RNAV) are suspended.
- Redesignation of TWYs (based on AIRAC SUP 043-19). Refer to temporary chart 10-8D and latest NOTAMs.
- Twy K closed (based on SUP 039-20).
- Lleida**, Spain, (Alguaire), Outside ATS hrs: Air to Air Self information on 121.325.
- Logrono**, Spain, On ILS Z or LOC Z RWY 29 (11-1) minimums for ILS approach changed as following (based on SUP 72-20, with eff date 25 Mar 21 based on SUP 28-21): CAT A: 1393' (254'), CAT B: 1405' (266'), CAT C: 1413' (274'); RVR 600m, RVR ALS out 1300m. CAT D: 1424' (285'), RVR 650m, RVR ALS out 1400m. When a Flight Director or Autopilot or HUD to DA is not used: CAT ABCD: RVR 750m.  
Procedure designation of (16-1) NDB Rwy 29 changed to NDB C, Straight-In Minimums are not available.
- Madeira**, Portugal, (SID/STARs) Due to replacement of MSSR Porto Santo Radar Station (10-2, 10-2A, 10-2B) all STARs suspended. Use Contingency STARs on 10-2C, 10-2D instead. (10-3, 10-3A, 10-3B, 10-3C) all SIDs suspended. Use Contingency SIDs on 10-3D, 10-3E, 10-3F, 10-3G instead. Based on SUP 002-21. Refer also to latest NOTAMs.
- Madrid**, Spain, (Adolfo Suarez Madrid-Barajas), (all SIDs and all noise charts) Charts 10-3 through 10-3X4 and 10-4/10-4A are temporarily replaced. Use 10-3X5 through 10-3X22 and 10-4B instead. Based on SUP 117-21. Refer also to latest NOTAMs.
- Based on SUP 117-21:  
BRA VOR u/s. Following additional temporary IAPs are established: ILS U Rwy 18R (charts 11-03/11-03AA), ILS V Rwy 32L (chart 11-04), CAT II/III ILS V Rwy 32L (chart 11-04AA), ILS V Rwy 32R (chart 11-05), CAT II/III ILS V Rwy 32R (chart 11-05AA).
- Based on SUP 117-21:  
BRA VOR u/s. Following IAPs are not usable: ILS Z or LOC Rwy 18L (Initial Apch) (11-1), ILS Z Rwy 18L (Final Apch) (11-1A), CAT II/III ILS Z Rwy 18L (Final Apch) (11-1B), LOC Rwy 18L (Final Apch) (11-3), ILS Z or LOC Rwy 18R (Initial Apch) (11-4, ILS Y Rwy 18R still avbl), ILS Z Rwy 18R (Final Apch) (11-4A), CAT II/III ILS Z Rwy 18R (Final Apch) (11-4B), LOC Rwy 18R (Final Apch) (11-6), ILS W Rwy 32R (11-11), CAT II/III ILS W Rwy 32R (11-11AA), VOR Rwy 18R (13-1), VOR Rwy 32L (13-2).
- Construction works for new TWY Q (based on SUP 135-20, eff 9 SEP 2021 based on SUP 128-21) in progress. Refer to temp charts 10-8N thru 10-8P1 and latest NOTAMs.
- Construction works on TWY D1, D2 and H4 (based on SUP 137-21) in progress. Refer to temp chart 10-8D and latest NOTAMs.
- Construction works on TWYs M29, M30 and KA1 (based on SUP 139-21) in progress. Refer to temp chart 10-8E and latest NOTAMs.
- Obstacle compliance works will take place in the margins and strips of RWYs 18R/36L, 14R/32L, 14L/32R and associated TWYs (based on SUP 82-21). Refer to temp charts 10-8C1 and 10-8C2 and latest NOTAMs.

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- Works for extension of ramp 7 (based on SUP 40/20, with eff date 20 MAY 21 based on SUP 75/21). Refer to temporary charts 10-8B, 10-8C and latest NOTAM's.
- Works on Ramp 0 (based on SUP 032/20, eff 20 MAY 2021 based on SUP 70-21, eff 07 OCT 21 based on SUP 189/21). Please refer to temp charts 10-8Q thru 10-8U and latest NOTAMs.
- Works on TWYs A27, KC2 and the junction TWYs A29, A28, KB1 and KB2 and the junction TWYs N2, N3, Gate 11 and G11 (based on SUP 68-21). Refer to temp chart 10-8J and 10-8K and latest NOTAMs.
- Works on TWYs R1, R5, R6, R7, R8, Z2 and Z4 (based on SUP 109-20, with Eff date 07 OCT 21 based on SUP 175-21). Refer to temp charts 10-8F, 10-8G and 10-8H and latest NOTAMs.
- Madrid, Spain, (Torrejon), (30-3, 30-3A, 30-3C, 30-3F, 30-3H) SIDs BARDI 2H, CCS 3H, NANDO 3H, VTB 3Z & ZMR 2D unusable.**
- Following facilities out of service: ABN, REIL RWY 04, 04D & 22 and retractable cable barrier bidirectional LETO 03-C-B (based on SUP 149/21).
- IAP VOR A (chart 33-2) not available.
- IAPs ILS Y or LOC Y Rwy 22 (31-2), HI-ILS Z or HI-LOC Z Rwy 22 (31-3), TACAN Rwy 22 (34-1), SRE Rwy 22 (38-2): TJZ TACAN u/s.
- Malaga, Spain, (Costa Del Sol), Air TWY EH out of service (based on SUP 001-21, from 15 JUL 21 based on SUP 097-21).**
- Apt will not be available for ACFT of higher code letter than the A380 family (based on Sup 93-21).
- For temporary Low Visibility Procedures (LVP) (based on SUP 153-21) refer to TEMP charts 10-1P16 thru 10-1P19 and latest NOTAMs.
- For temporary Take-Off Minimums (based on SUP 153-21) refer to TEMP chart 10-8L and latest NOTAMs.
- JRZ VORDME TEMP u/s (AIRAC SUP 96-21, activated by NOTAM, from 04 NOV 21 based on AIRAC SUP 174-21) LOST COMM Procedures changed. (11-5) ILS Z or LOC Z Rwy 31, (12-42) GBAS Z RWY 31 and (13-3) VOR RWY 31: Climb on rwy heading direct to MLG VOR, then turn LEFT (MAX 210 KT) to intercept and follow R-269 MLG to D7.7 MLG. Turn RIGHT (MAX 230 KT) onto heading 360°, then turn LEFT to intercept inbound R-147 MAR to MAR VOR to join holding at or above 6000'.
- Do not climb above FL75 throughout missed approach. Once in holding climb to join VULPE 3J at FL90. Refer also to latest NOTAMs.
- JRZ VORDME TEMP u/s (AIRAC SUP 96-21, activated by NOTAM, from 04 NOV 21 based on SUP 174-21) LOST COMM Procedures changed. (11-6) ILS Y or LOC Y Rwy 31 and (12-43) GBAS Y RWY 31: Climb on rwy heading direct to R-251 AGP, then turn LEFT (MAX 210 KT) to intercept and follow R-267 AGP to D8.7 AGP. Turn RIGHT (MAX 230 KT) onto heading 360°, then turn LEFT to intercept inbound R-147 MAR to MAR VOR to join holding at or above 6000'.
- Do not climb above FL75 throughout missed approach. Once in holding climb to join VULPE 3J at FL90. Refer also to latest NOTAMs.
- Temporary unavailability of VOR DME JRZ (based on AIRAC SUP 96-21, to be activated by NOTAM).
- Following changes apply to STARs:  
 JRZ 1J (10-2E): expect RADAR assistance between JRZ and KURET,  
 JRZ 1K (10-2D): expect RADAR assistance between JRZ and D34 JRZ,  
 SVL 3J (10-2E): MEA raised to FL100 between SVL and MAR, MAR MHA FL100,  
 VJF 2J (10-2E): expect RADAR assistance between D36.9 VJF and KURET,  
 VULPE 3J (10-2E): MEA raised to FL100 between VULPE and MAR, MAR MHA FL100.  
 KURET holding not usable.
- Following changes apply to SIDs:  
 JRZ 1S (10-3E): expect RADAR assistance between D33 MGA and JRZ,  
 JRZ 2H (10-3D): expect RADAR assistance between ALORA and JRZ,  
 JRZ 2P (10-3F): expect RADAR assistance between D33 MGA and JRZ,  
 SVL 2S/3P (10-3P/3Q): expect RADAR assistance between D33 MGA and D26.6 JRZ. (Until approx. 15 JUL 22)
- Works on Aprons R-3 & R-4 (based on SUP 43-21, eff 20 MAY 21 based on SUP 74-21). Please refer to TEMP charts 10-8H thru 10-8K and latest NOTAMs.
- Menorca, Spain, Construction works on approach lights RWY 01 (based on SUP 101-20) will be carried out. Refer to temp chart 10-8 and latest NOTAMs.**
- Montijo, Portugal, (Montijo AB), Red unserviceability lights are not installed on the following locations: West Side THR19, East and West side RWY 01/19, North side RWY 08/26, South of interception with TWY A3 and A4, South of interception with TWY A5, A6 and H2. (Based on SUP 25-17).**
- Rwy 08/26 unusable for jet acft due to degraded pavement, except for emergencies and based acft.
- RWY 26 PALS CAT I unserviceable (based on MIL SUP 019-19).
- TWY A2 and TWY E closed (based on MIL SUP 28/21).
- Use CAUTION while taxiing on TWY B2 between Apron S1 and THR 26 due to damaged pavement. Use caution while taxiing on TWY C centerline abeam stand C3 & on East side of North Apron centerline due to damaged pavement. Use CAUTION while taxiing on TWYs B1, B2 and C due to damaged pavement.
- Murcia, Spain, (Alcantarilla AB), ATR NDB withdrawn. IAP NDB Rwy 07 (chart 26-1) withdrawn.**
- Ovar, Portugal, (Ovar AB), Arresting Gear on RWY 36 completely withdrawn (based on MIL SUP 12/20). Refer to chart 10-9 and latest NOTAMs. South entry to Apron 4 closed.**
- Palma De Mallorca, Spain, Due to IBA VORDME and JOA VORDME being u/s apply the following: (10-1R) JOA VORDME is replaced by JOA fix with the same coordinates. (STARs) MJV holdings require critical DME MJV, MHN, POS and VLA.**

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(10-2) For GODOX 3M: RNAV 1 (DME/DME) with critical DME VLA.

(10/2A, 10/2D) For LAMPA 2M & RUXET 2M: RNAV 1 (DME/DME) with critical DME CTN and VLA or RNAV 1 (DME/DME) /IRU with critical DME CTN.

For LAMPA 2P & RUXET 2P: RNAV 1 (DME/DME) with critical DME CTN and MHN or RNAV 1 (DME/DME) /IRU with critical DME CTN.

(10-2B) For MEBUT 3P: RNAV 1 (DME/DME) with critical DME MHN or RNAV 1 (DME/DME) /IRU. (SIDs) All SIDs are unavailable. Use contingency SIDs instead.

For temporary procedures ILS RWY 06L, LOC RWY 06L, RNP RWY 06L (LPV) and VOR RWY 06L refer to temporary charts 11-01, 11-02, 12-01 and 13-01 and latest NOTAMS. ILS RWY 06L (11-1), LOC RWY 06L (11-2), RNP RWY 06L (LPV) (12-1) and VOR RWY 06L (13-1) temporarily not available (SUP 86-21, with eff date 12 AUG 21 based on SUP 127-21).

When SUP 165-21 is ACTIVE (11-03) ILS Rwy 06L (TEMP) is valid and (11-01) ILS Rwy 06L (TEMP) is NOT valid.

When SUP 165-21 is ACTIVE following procedures are NOT usable: (11-01) ILS Rwy 06L (TEMP), (11-02) LOC Rwy 06L (TEMP), (11-3) ILS Z Rwy 24L, (11-3A) CAT I/II/III ILS Z Rwy 24L, (11-5) LOC Rwy 24L, (11-6) ILS Z Rwy 24R, (11-8) LOC Rwy 24R, (13-01) VOR Rwy 06L (TEMP), (13-2) VOR Rwy 06R, (13-3) VOR Rwy 24R, (16-1) NDB Rwy 24L.

Works on Airport (based on SUP 116-21). Refer to TEMP charts 10-8D thru 10-8H and latest NOTAMS.

**Pamplona**, Spain, Based on SUP 012/21: PAM NDB u/s, following procedures not available: VOR A (chart 13-1), VOR B (chart 13-2), VOR C (chart 13-3), VOR D (chart 13-4).

**Porto Santo**, Portugal, VOR RWY 18 (RACETRACK) (chart 13-1) and VOR RWY 18 (BASETUR) (chart 13-2) suspended. (Based on SUP 023-21, EFF 12-Aug-21 based on SUP 040-21)

**Salamanca**, Spain, (Matacan), (11-1) ILS Z Rwy 21, (11-2) LOC Z Rwy 21, (13-1) VOR Rwy 03 and (13-2) VOR Rwy 21 unavailable. Temporary procedure ILS DME X Rwy 21 established (SUP 112-20, with eff date 20 MAY 21 based on SUP 65-21), refer to temp chart (11-01) and latest NOTAMS.

**San Sebastian**, Spain, For construction works on Turn Pads refer to 10-8 chart and latest NOTAMS (based on SUP 34-20).

**Santander**, Spain, (Seve Ballesteros-Santander), For restrictions due to marking works for new configuration of Commercial apron (based on SUP 161-21) refer to temporary charts 10-8/10-8A and latest NOTAMS.

Handling required for BA and GA operations arriving from any airport located outside Spanish territory. It is compulsory to hire the complementary ramp service for passenger transport between the aircraft and the terminal building. Name of handling agent hired shall be included in FPL, item 18, RMK.

**Santiago**, Spain, (Rosalia de Castro), Construction works on rwy in progress, based on SUP 128-20. Following restrictions apply:

- Phase 1: RWY closed between 0000-0600 LT except requested 30 min before start of closure.

- Phases 2 and 3: CL not available. RWY closed between 0000-0600 LT except requested 30 min before start of closure. CAT IIIB approaches not permitted from sunset to sunrise.

Refer also to latest NOTAMS.

Due to levelling works on rwy strip, following aeronautical systems rwy 17 restricted (based on SUP 71-21). Caution is recommended in all working zones due to the presence of personnel and machinery. During phase 1: Rwy closed. Anemometer, RVR and ceilometer at THR 17 unavailable. During phase 2: Rwy closed. WDI at THR 17 unavailable. During phase 3: Right wing of PAPI 17 unavailable. Refer also to latest NOTAMS.

For construction works on TWY T (based on SUP 63-20, eff 20 MAY 21 based on SUP 73/21) refer to temporary charts 10-8C and 10-8D and latest NOTAM.

Refurbishment for objects in operational areas and transverse slopes of the strip (based on SUP 41/20, eff 25 MAR 21 based on SUP 32/21). Works will take place within view of traffic on RWY strip and RESA. During Phase 2 the RWY will be closed at night-time unless use is requested 30 minutes before closure takes place. Refer to latest NOTAMS.

Works on parking stands 6 thru 8 (based on SUP 111-21). Refer to TEMP chart 10-8K and latest NOTAMS.

Works on TWYs E1 and E2 (based on SUP 33-21). Refer to temporary charts 10-8, 10-8A and 10-8B and latest NOTAMS.

Works on visual aid system on apron (based on SUP 046-20, eff 22 APR 21 based on SUP 34-21). Refer to temporary charts 10-8F, 10-8G, 10-8H and 10-8J and latest NOTAMS.

**Seville**, Spain, Temporary unavailability of VOR DME JRZ (based on AIRAC SUP 96-21, to be activated by NOTAM).

Following changes apply to STARs:

MAR 5F, VIBAS 4F (10-2C): expect RADAR assistance between D27 JRZ and TENDU, VJF 4F (10-2E): expect RADAR assistance between VJF and TENDU.

Following changes apply to SIDs:

CLANA 3G (10-3E): climb gradient 4% until at or above 2000' at LAMAR, expect RADAR assistance between LAMAR and CORIA, JRZ 2G, VJF 2G (10-3D): climb gradient 4% until at or above 2000' at LAMAR, expect RADAR assistance between LAMAR and JRZ, JRZ 2R (10-3D): expect RADAR assistance between D27SVL and JRZ. (Until approx. 15 JUL 22)

**Sintra**, Portugal, (Sintra AB), ALS only available with 30 minutes prior request.

**Tenerife-North**, Canary Is, (Ciudad de La Laguna), (20-1R, SID/STARs) Airport name changed to CIUDAD DE LA LAGUNA.

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For restrictions due to works on twy pavement resurfacing (based on SUP 66-21), refer to temporary charts 20-8 thru 20-8C and latest NOTAMs.

**Tenerife-South**, Canary Is, (Reina Sofia), AD name chgd to 'Tenerife-South'.

**Valencia**, Spain, Construction works on airport (based on SUP 72-19, with eff date 13 AUG 20 based on SUP 87-20). Refer to temp pages 10-8D thru 10-8H and latest NOTAMs.

**Vigo**, Spain, (12-1) RNP Z Rwy 01 (LPV), (12-2) RNP Y Rwy 01, (12-3) RNP X Rwy 01, (12-4) RNP Z Rwy 19 (LPV), (12-5) RNP Y Rwy 19 (based on Amdt 238-20) TCH 50'.

**Vila Real**, Portugal, ALS Rwy 02 out of service (based on SUP 13-18).

**Vitoria**, Spain, Works on service roads (based on SUP 37/20, from 28-Jan-21 based on SUP 05/21). During Phase D TWY B2 is closed and access to the apron exit shall be accomplished via TWYs C2 and D. Refer also to latest NOTAMs.

**Zaragoza**, Spain, (18-1) PAR and SRE approach to all RWYs not available (based on SUP 124-19). ABN out of service. (SUP 124-19, with eff date 8 OCT 20 based on SUP 110-20)