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.

IRELAND
FRA waypoints estbld within Shannon FIR: 
BAML, N5408.5 W00639.1 
BUNON, N5222.5 W00932.6 
DEGOS, N5411.4 W00654.4 
DIRUM, N5300.2 W00639.7 
ELBOB, N5444.0 W00744.6 
ELTG, N5145.2 W00750.1 
ENOKU, N5306.1 W00739.7 
ERABI, N5300.9 W00934.1 
GILAN, N5513.8 W00703.0 
GOTEM, N5149.4 W00749.2 
JABEX, N4900.0 W00930.2 
KOMAG, N5143.6 W00836.9 
KORAK, N5323.7 W00747.6 
LESUL, N5100.0 W00800.0 
LUNIG, N5223.8 W00816.6 
LUPO, N5232.5 W00942.1 
MAPAG, N5100.0 W00830.0 
MOLAK, N5436.8 W00930.4 
MOMIN, N5306.8 W00923.6 
MOPAT, N5129.9 W00705.6 
NIPIT, N5427.2 W00824.2 
NORLA, N5137.2 W00652.2 
RINUS, N5338.7 W00739.7 
SAMON, N5119.4 W00725.1 
SOVIX, N5125.7 W00833.8 
SURFOX, N5359.8 W00659.6 
TADEX, N5451.4 W00814.0 
TOPLLU, N5259.3 W00735.0 
TUGSI, N5400.0 W00711.0 
TUVEN, N5100.0 W00815.0 
ULTAG, N5342.0 W00644.3 
UNBEG N5248.3 W00943.8. 
E LO-2.

NETHERLANDS
CDR 2 & 3 status is withdrawn from all ATS routes within Amsterdam FIR. E LO-2.

AUSTRIA
BUWUT NCRP estbld at N4848.3 E01518.8.
E LO-12.

BELGIUM
ATS ROUTES changed: 
L191 estbld, PEVAD NCRP at N5116.5 E00403.3 
- Nicky VORDME (NIK) NCRP , 144°/324°, 8NM, MEA FL60, one-way N-bound (N51 E004). 
EBBR 10-1, E LO-3.

M624, Nicky VORDME (NIK) - TRARE, withdrawn (N51 E004). 
EBBR 10-1, E LO-3.

Y28, JAZFI NCRP estbld at N5105.7 E00402.1; 
Brussels VORDME (BUB) - JAZFI, 302°, 22NM; 
JAZFI - HELEN, 324°, 11NM. 
EBBR 10-1, E LO-3.

KLEINE BROGEL CTA estbld, 4500’-FL95. (N51 E004). 
EBBR 10-1.

DENMARK
ATS ROUTES changed: 
P603, GREFI (N5500.0 E00551.5) to KARLI, 

FRANCE
ATS ROUTES changed: 
A25, PIQFU NCRP estbld at N4607.7 W00112.6; 
LUSON - PIQFU - OLERO, 23/10NM. E LO-4.
R7, D129N replaced by UFONE NCRP at N4850.2 
E00659.3; Grostenquin VORDME (GTO) - 
UFONE - PHALO. E LO-3, E LO-4.
R11, PIMZI NCRP estbld at N4824.9 E00649.4; 
POGOL - PIMZI - OBORN, 5/15NM. E LO-4.
R112, BUZUC NCRP estbld at N4802.1 E00641.8; 
MIRGU - BUZUC - OBORN, 1/33NM. E LO-4.
V17, ZERFI NCRP estbld at N4844.3 E00651.8; 
Grostenquin VORDME (GTO) - ZERFI - SOREM, 
16/17NM. E LO-3, E LO-4.

COTE D’OPALE NDB (LT) deemsnd. (N50 E001). 
E LO-3.

GERMANY
ATS ROUTES changed: 
L607, UBIDU (N5004.4 E00754.4) - RUDUS, 
redesignated L984. E LO-3.
L980, EHZOF NCRP estbld at N5210.6 E00740.4; 
Osnabruceck VOR (OSN) - EHZOF - AMSAN, 
23/21NM. E LO-3.
N869, NATOR (N4810.2 E00819.3) - RINLI, MEA 
FL110. E LO-4.
Q603 estbld, Germinghamen VORDME (GMH) 
NCRP - TASWI NCRP at N5101.0 E00803.0 - 
TESGA NCRP, 146°, 11/41NM, MEAs 
T125, ARSUT (N4810.0 E00919.7) - REUTL, MEA 
6000’, cruising levels NON-standard, EVEN levels 
T126, Sulz VOR (SUL) - REUTL, MEA 7000’. (N48 
E008). E LO-4.
T721, RILAX (N4756.6 E00830.8) - EDUMI 
withdrawn. E LO-4.
T856, ADUSU (N4957.4 E00611.8) - NIVNU, 204°, 
27NM, MEA FL230, one-way NE-bound. E LO-3.
UQ163, BABEG replaced by HAFUN NCRP at 
N4836.1 E00945.1, OLASO - HAFUN - Luborg 
VORDME (LBU), 31/25NM. E LO-4.
Y1, SONGI (N4746.7 E00843.9) to BIKBI withdrawn. 
E LO-4.
Y164, HERBI (N4829.5 E00814.6) - MOPAN, MEA 7000'; MOPAN - OLBEN, MEA FL110. E LO-4. E LO-4. 
Y326, MOMUK (N4750.3 E00959.8) to XEBIX, redesignated L607. E LO-4. 
Y710, ESULI (N4826.1 E00913.7) to ETAGO, MEA FL210. E LO-4. 
Y863, ROPVU (N5013.3 E00650.9) - EMGOD withdrawn. E LO-3.

Z1, BODAN (N4735.3 E00927.1) - ALAGO, 359°, cruising levelschg to standard; ALAGO - MINGA, MEA FL160; MINGA to NOTGA, MEA 6000'. E LO-4. 
Z3, ETAGO (N4843.7 E00927.6) - Luburg VORDME (LBU), MEA 6000'. E LO-4. 
Z74, KOSEK (N4955.4 E00852.8) to HAREM, MEA FL140; HAREM - LAMPU, MEA 5000'. E LO-3. 
Z79 extended; SUDEN NCRP (N4831.8 E00944.9) - GUPIN NCRP, 025°, 24NM, MEA 6000', MA FL230, one-way NE-bound. E LO-4. 
Z104, BATGA (N4955.4 E00903.2) to NOKDI, MEA FL140. E LO-3. 
Z114, TUDGA (N4935.3 E00851.0) to ADENU, MEA FL140. E LO-3. 
Z403, CINDY (N4944.8 E00911.3) to UBERO, MEA FL140, E LO-3. 
Z738, TUDGA (N4935.3 E00851.0) to NOKDI, MEA FL140, E LO-3. 
Z818, MAKOT (N4910.3 E00702.4) - SARRI, MEA 6000'. E LO-3. 
Z999, BEMKI (N4733.6 E01018.3) - XEBIX, withdrawn. E LO-4. 

IRELAND

RINUS coords chg to N5338.7 W00739.7. E LO-2.

ITALY

GAZOLDI Lctr (GAZ) decmsnd. (N45 E010). E LO-4.

NETHERLANDS

ATS ROUTES changed:
L19, TULIP (N5222.1 E00351.4) to MOLIX, withdrawn. EAHAM 10-1, E LO-2, E LO-3. 
L74, LARAS (N5150.1 E00441.8) - TULIP, withdrawn. EAHAM 10-1, E LO-3. 
L74, TULIP (N5222.1 E00351.4) - MONIL, chgd to two-way, 349°/169°. E LO-2.

L191 estbd; PEVAD NCRP at N5116.5 E00403.3 - VICOT NCRP at N5128.9 E00403.0, 358°, 12NM, MEA FL60, one-way N-bound. EAHAM 10-1, EBBR 10-1, E LO-3. 
L193, Spijkenboor VORDME (SPY) - LEKKO withdrawn (N5204.0). E LO-2. 
L602, Spijkenboor VORDME (SPY) to MIMVA, MEA FL60 (N52 E004). E LO-2.

M624, TRARE (N5117.2 E00409.2) - TOLEN, withdrawn. EAHAM 10-1, EBBR 10-1, E LO-3. 
N852, Spijkenboor VORDME (SPY) to LOPIK withdrawn; LOPIK - VELED, MEA FL100, one-way S-bound. (N52 E004), E LO-2. 
N872, Pampus VORDME (PAM) to WOODY, MEA 3500'. (N52 E005). E LO-2. 

N873, TOLEN replaced by VICOT NCRP at N5128.9 E00403.0; HELEN - VICOT - Stad NDB (STD), 16/17NM. EAHAM 10-1, EBBR 10-1, E LO-3. 
P1, TULIP (N5222.1 E00351.4) - MONIL withdrawn. E LO-2. 
P62, ZANDA (N5223.4 E00455.4) withdrawn, PETIK - Pampa VORDME (PAM), 36NM. E LO-2. 
T604, HELEN replaced by DENUT NCRP at N5114.2 E00339.5; ALINA replaced by RIMBU NCRP at N5125.0 E00351.9; DENUT - RIMBU, 034°, 13NM; RIMBU - LIKDO, 075°, 26NM. EAHAM 10-1, EBBR 10-1, E LO-3. 
T606 estbd; LAMSO (N5244.0 E00259.7) NCRP - MONIL NCRP, 085°, 28NM; MONIL - Spijkenboor VORDME (SPY) NCRP, 107°/287°, 43NM; Spijkenboor VORDME - PAPOX NCRP at N5240.8 E00527.1, 067°, 23NM; LAMSO to PAPOX, MEA FL140; PAPOX - VAPEX NCRP at N5235.3 E00554.3, 050°, 21NM, MEA FL60; LAMSO to VAPEX, one-way E-bound; VAPEX - EKNON NCRP at N5246.3 E00601.8, 146°, 9NM, MEA FL60, one-way SE-bound, cruising levels NON-standard, EVEN levels SE-bound. E LO-2. 
T607 estbd; MONIL NCRP (N5249.3 E00304.7) - MONIL NCRP, 097°, 25NM, MEA FL140, one-way E-bound. E LO-2. 
Y28 estbd; HELEN NCRP at N5114.1 E00352.2 - RIMBU NCRP at N5125.0 E00351.9, 358°, 11NM, MEA FL60, one-way N-bound. EAHAM 10-1, EBBR 10-1, E LO-3. 
Z310, ORCAV NCRP estbd at N5158.4 E00502.1, BATAK - ORCAV - SUSET, 26/10NM. EAHAM 10-1, E LO-3. 
Z708, AGISU (N5352.9 E00630.0) - KEKIX, MEA FL70. E LO-2. 
Z738 Pampus VORDME (PAM) to NAPRO redesignated Z739; MEA FL70 (N52 E005). E LO-2. 

LELYSTAD CTR estbd, GND-2500' (N52 E005). E LO-2. 
LELYSTAD TMA estbd, 1500'-FL65 (N52 E005). E LO-2.

NETHERLANDS

ATS ROUTES changed:
M185, RUMOG (N5812.6 E00531.6) - ATNAK, withdrawn. E LO-1. 
P603, KARLI (N5700.0 E00530.4) to Flesland VORDME (FLS), withdrawn. E LO-1. 
P615, VIPPA NCRP estbd at N5856.6 E01013.7; ARTOR - VIPPA - Torp VORDME (TOR), 37/14NM. E LO-1. 
Z125, RIBBE NCRP estbd at N6122.5 E01129.0; NUVSA - RIBBE - GIGNI, 18/38NM. E LO-1. 

NORWAY

ATS ROUTES changed:
M185, RUMOG (N5812.6 E00531.6) - ATNAK, withdrawn. E LO-1. 
P603, KARLI (N5700.0 E00530.4) to Flesland VORDME (FLS), withdrawn. E LO-1. 
P615, VIPPA NCRP estbd at N5856.6 E01013.7; ARTOR - VIPPA - Torp VORDME (TOR), 37/14NM. E LO-1. 
Z125, RIBBE NCRP estbd at N6122.5 E01129.0; NUVSA - RIBBE - GIGNI, 18/38NM. E LO-1. 

NORWAY CTA renamed Polaris CTA (N70 E015). E LO-1. 

NORWAY FIR renamed Polaris FIR (N70 E015). E LO-1. 

SWITZERLAND

ATS ROUTES changed:
J51 extended, Zurich East VORDME (ZUE) - BODAN NCRP, 087°/288°, 26NM, MEA 8000'; MA FL90, cruising levels NON-standard, EVEN levels E-bound. (N47 E008) E LO-4.
N869, RINLI (N4737.4 E00752.9) - OLBEN, MEA FL110, E L0-4.
T51, DANZE NCRP estbd at N4719.3 E00750.3; VEBIT - DANZE - LASUN, 292°, 8/14NM. E L0-4.
T625, OSKUP (N4810.1 E00736.6) - Willissau VORDME (WIL), MAE FL200; Willissau VORDME to ROMIR, CDR status withdrawn. E L0-4.
T721, EDUMI (N4745.7 E00827.5) - Trasadingen DME (TRA) withdrawn. E L0-4.
Y1, SONGI (N4746.7 E00843.9) - TINOX, withdrawn. E L0-4.
Z601 extended, Zurich East VORDME (ZUE) - Trasadingen DME (TRA) NCRP, 288°/108°, 17NM, MEA 6000', MAE FL90; Trasadingen DME - GIPOL NCRP, 233°/052°, 20NM; GIPOL - Willissau VORDME (WIL) NCRP, 193°/013°, 20NM; Trasadingen DME to Willissau VORDME, MEA 8000', MAE FL90. (N47 E008) E L0-4.

U.K.

ATS ROUTES changed:
BIGGIN VOR (BIG) removed from ATS-routes. EGGLE 10-1, E L0-3.
DAVENTRY VOR (DTY) removed from ATS-routes. EGCC 10-1, EGGLE 10-1, E L0-3.
DETLING VOR (DET) removed from ATS-routes. EGGLE 10-1, E L0-3.
L60, ENCOD NCRP estbd at N5320.0 W0024.4, OTBED - ENCOD - NISBI, 16/9NM; OTBED (N5317.3 E0001.9) to MAMUL, one-way W-bound. E L0-2.
L89 realigned; KATHY (N5031.2 W0120.0) - HAZEL, 024°, 32NM; HAZEL - Woodley NDB (WOD), 008°/188°, 27NM; KATHY to Woodley NDB, MEA FL90, MAE FL230, one-way NE-bound; GIBSO to AVANT, withdrawn. EGGLE 10-1, E L0-3.
L151, UMLUX NCRP estbd at N5222.6 W00200.3; VIDOK - UMLUX - PEPUL, 2/8NM. E L0-2.
L603, EVKAL NCRP estbd at N5315.8 W00026.6; LAMIX - EVKAL - ROGAG, 9/6NM, MEAs FL130/FL170. E L0-2.
LAMBOURNE VOR (LAM) removed from ATS-routes. EGGLE 10-1, E L0-3.
MAYFIELD VOR (MAY) removed from ATS-routes. EGGLE 10-1, E L0-3.
MIDHURST VOR (MID) removed from ATS-routes. EGGLE 10-1, E L0-3.
N16 extended; GIBSO (N5045.0 W00231.1) - BEGTO, 089°, 49NM, MEA FL210; BEGTO - AVANT - Goodwood DME (GWC), 073°, 12/7NM, MEA FL90. EGGLE 10-1, E L0-3.
N92 estbd; UMLUX NCRP at N5222.6 W00200.3 - LUXTO NCRP at N5208.5 W00203.6, 189°/14NM; LUXTO - DUCNO NCRP at N5158.4 W00218.9, 224°, 14NM; UMLUX to DUCNO, MEA FL80; DUCNO - OKTAD NCRP 224°, 13NM; OKTAD - ITJON NCRP at N5128.5 W00259.1 - EXMOR NCRP 220°, 26/23NM, DUCNO to EXMOR, MEA FL140; UMLUX to EXMOR, one-way SW-bound. E L0-2.
N93 estbd, ADMEX NCRP (N5221.7 W00127.8) - PEPUL NCRP, 251°, 17NM; PEPUL - LUXTO NCRP at N5208.5 W00203.6, 221°, 10NM; ADMEX to LUXTO, MEA FL120, one-way SW-bound. E L0-2.
N560, BONBY (N5753.5 W00420.6) - RIMOL, cruising levels NON-standard, EVEN levels SE-bound. E L0-1.
Turnberry VOR (TRN) removed from all ATS Routes. (N55 W004). E L0-2.
Y/U124, DEXEN (N5316.8 W00530.0) to LISTO, CDR 1.3. EGCC 10-1, E L0-2.
Y125 estbd; BERUL NCRP (N5240.3 W00331.2) - RETSI NCRP, 113°, 25NM, MEA FL210; RETSI - FITBO NCRP at N5213.2 W00224.2, 136°, 25NM, MEA FL190; BERUL to FITBO, one-way E-bound. E L0-2.

BOVINGDON VORDME (BNN), VOR decomm. EGGLE 10-1, E L0-3.
DURHAM TEES VALLEY CTA renamed TEESIDE INTERNATIONAL CTA. (N54 W001). E L0-2.
DURHAM TEES VALLEY CTR renamed TEESIDE INTERNATIONAL CTR. (N54 W001). E L0-2.
FARNBOROUGH CTA estbd, 150°/FL65 (N51 W000). E L0-1, E L0-2.
WESTCOTT NDB (WCO) decomm. EGCC 10-1, EGGLE 10-1.
WHITEGATE NDB (WHI) decomm. EGCC 10-1.

TERMINAL CHARTS

GENERAL

The following take-off minima according to Commission Regulation No. 965/2012 (EASA Air Operations Regulation) are applicable for Low Visibility Take-off Operations within the UK FIR for CAT ABCD aircraft:
1. With RL and RCLM during day or with RL or CL during night: RVR 300m
2. With RL and CL: RVR 200m
3. With RL and CL and TDZ, MID and RO RVR: RVR 150m
4. With HIRL and CL and TDZ, MID and RO RVR: RVR 125m
5. On CAT III RWYs with approved guidance system or HUD/HUDLS: RVR 75m

TERMINAL

Aberdeen, U.K., (Dyce), (11-2) ILS DME OR LOC DME RWY 34, (16-1) NDB DME RWY 34. Alternative baseturn procedure not available for use. All other aspects of these IAPs remain available for use. Based on SUP 048-20.
121.250 MHz available by prior arrangement with ATC for non-8.33 kHz capable acft. Frequency is not continuously monitored when not in use.
Amsterdam, Netherlands, (Schiphol), (11-1A) CAT II/III ILS Rwy 06: for CAT C DA(H) changed to 97° (108') and RA changed to 108', for CAT D DA(H) changed to 111° (122') and RA changed to 127'.
Construction works new taxiway (based on SUP 005-20). Refer to temp charts 10-8A thru 10-8F and latest NOTAMs.

Construction works on apron A (based on SUP 004-20). Refer to temp chart 10-8 and latest NOTAMs.

(SIDs): For Lost Comms refer to 10-1P pages.

**Antwerp**, Belgium, (Deurne), Based on SUP 033-20: RNP Rwy 11 (12-1) minimums changed as follows: LNAV/VNAV: CAT A: DA(H) 367(339); CAT B: DA(H) 380(352), with ALS RVR 1200m; CAT C: DA(H) 393(365), with ALS RVR 1300m, ALS out RVR 1700m.

**Barrow**, U.K., (Walney Island), Airport beacon removed from all charts.

**Belfast**, U.K., (Aldergrove), NDB Rwy 25 (16-1) aphp proc will not be available.

**Biggin Hill**, U.K., Construction works (based on SUP 023-20). Please refer to temp chart 10-8 and latest NOTAMs.

**Brize Norton**, U.K., (Brize Norton AB), ILS Rwy 07 not suitable for auto-coupled approaches to CAT 1 DH.

**Brussels**, Belgium, (Brussels National), For construction works information and temporary straight-in aphp minimums refer to 10-8D page and latest NOTAMs (based on SUP 022-20).

**Cambridge**, U.K., (10-9) Due to WIP: Twy A closed between Customs Apron and Apron 2. Helipads situated along closed part of Twy A also closed (based on SUP 052-20).

**Charleroi**, Belgium, (Brussels South), infrastructure works (based on SUP 035-20). Please refer to temp chart 10-8 and latest NOTAMs.

**Dublin**, Ireland, (Dublin Int'l), (10-8B, 10-8C) Rehabilitation works on RWY 16/34 and TWY W2 Phase 2 (based on SUP 013-20). Refer to temp chart 10-8B, 10-8C and latest NOTAMs.

(10-8D) Displaced threshold construction works on RWY 10R/28L (based on SUP 016-20 AIRAC). Refer to temp chart 10-8D and latest NOTAMs.

(10-8F) West apron stand realignment (based on SUP 014-20), removal of existing stands and installation of new stands. Refer to temp chart 10-8F and latest NOTAMs.

(10-8H/10-8J) North apron rehabilitation works (based on SUP 017-19). Refer to temp charts 10-8H/10-8J and latest NOTAMs.

(10-8K) Replacement of north apron stands 101-104L (based on SUP 016-19). Refer to temp chart 10-8K and latest NOTAMs.

MM Rwy 10R is out of service, refer to (11-1) ILS or LOC Rwy 10R and (11-1A) CAT I/II ILS Rwy 10R. MM Rwy 28L is out of service, refer to (11-3) ILS or LOC Rwy 28L and (11-3A) CAT II/I ILS Rwy 28L. OM Rwy 10R and OM Rwy 28L are out of service (based on SUP 20-19).

North RWY intersection with RWY 16/34 construction works (based on SUP 015-20). Refer to temp chart 10-8A and latest NOTAMs.

North-South sewer construction works (based on SUP 017-20). Refer to temp chart 10-8 and latest NOTAMs.

Temp procedure (13-01) VOR T Rwy 28L established. For details refer to temp charts and latest NOTAMs.

**East Midlands**, U.K., (16-2) NDB DME Rwy 27 straight-in minimums with DME increased to DA/MDA(H) 630’ (348’), with ALS: RVR 900m, ALS out: CAT AB: RVR 1500m, CAT CD: RVR 1600m.

**Edinburgh**, U.K., Based on SUP 043-20 Turnhouse Apron, Stands 32, 33 and 34 are temporarily closed. Routing G2 to G3 and vice versa remains open.

**Inverness**, U.K., Based on SUP 041-20 works to replace the ILS RWY 05 LLZ Freq 108.500 MHz / GP Freq 329.900 MHz ident ILN and ILS RWY 23 LLZ Freq 108.500 MHz / GP Freq 329.900MHz ident IDX will commence on the 21 October until 31 January 2021. Work teams intend to remove/replace one ILS at a time. ATC will advise daily impacts by NOTAM. DVOR/DME/NDB available for approaches to both RWY 23 and RWY 05.

Rwy 11/29 out of use due to construction works alongside the rwy strip during Phase 1 from August 2020 to December 2020 and Phase 2 from March 2021 to October 2021. Use as taxi route will be permitted. Please refer also to latest NOTAMs.

**London**, U.K., (Heathrow), All non 8.33 KHz equipped acft should contact ATC on published number to obtain ATC clearance and weather information.

Trial RNP APCHs for RWYs 09L, 09R, 27L and 27R available (based on SUP 30-20, 27 Aug 20). Pilots wishing to take part in the trial should "Request RNP Yankee" on first contact with HEATHROW Director 119.730. Refer to temporary charts 12-01 thru 12-04. In the event that the required navigation equipment fails, the flight crew shall advise ATC that they can no longer continue with the procedure or are unable to accept the procedure using the phraseology: "(Callsign), unable RNP due equipment". For further assistance email LHROps@nats.co.uk and DD-flightperformance@heathrow.com.

**London**, U.K., (Luton), (56-1) NDB Rwy 25 not available. NDB(L) LUT 345.000 KHZ unavailable until further notice. For all other instrument flight procedures during this time, the position of the LUT NDB can be defined by I-LTN/I-LJ D3.9, BKY VOR R-244/D13 as required.

**Manchester**, U.K., (Based on SUP 009-20) Construction works, refer to temp chart 10-8 and latest NOTAMs.

CAT II ILS DME Rwy 05L (11-1A) CAT B DA(H) changed to 327’ (115’) and CAT B RA changed to 125’.

**Paris**, France, (Charles-De-Gaulle), Closure of TWYS due to works on TWY D (based on SUP 095-20). Refer to temporary charts 20-8E thru 20-8F and latest NOTAMs.

Evaluation of RNP 1 Initial Approaches to RWY 27 in progress (based on SUP 223-20 and AIC A 020-20).

Refer to following temp pages and charts: 20-1P20 thru 20-1P23, 21-0A9 and 21-0A10.

**Paris**, France, (Orly), Based on NOTAM A3969/20: Minimums for LOC Rwy 02 (chart 11-1) raised as follows: MDA(H) 670’(383’), RVR 1300m, ALS out RVR CAT AB 1500m CAT CD 1700m.
Rwy 02/20 width reduced to 191.9/58.5m.

Scampton, U.K., Rwy 04/22 width decreased to 177/54m.

Scatsta, U.K., (10-1R) Trans alt chgd to 3000'.

Shannon, Ireland, (11-2) ILS or LOC Rwy 24 and (11-2A) CAT II ILS Rwy 24, OM Rwy 24 is out of service (based on SUP 22-19).

Shrewsbury, U.K., (18-2) PAR Rwy 18, DA(H) and minimums increased to: CAT A 632' (390°), CAT B 642' (400°), 1300m with ALS, 2100m w/o ALS, CAT' C & D 652' (410°), 1500m (CAT C 1400m) with ALS, 2300m (CAT C 2200m) w/o ALS. (18-4) PAR Rwy 23, DA(H) and minimums increased to: CAT A 588' (350°) 1900m, CAT B 598' (360°), 2000m, CAT C 608' (370°), 2000m, CAT D 618' (380°) 2100m. (18-6) PAR Rwy 36, DA(H) CAT D increased to 467' (230°).

Southampton, U.K., ACFT that are not equipped for 8.33 kHz frequencies cannot operate at this apt.

Vagar, Faroe Is, (10-3B) RWY 12 departure limitation due to wind speed - permissable sector when wind more than 15 KT under clarification, caution advised.

Warton, U.K., (11-1) TACAN ILS DME Rwy 25, (11-2) NDB ILS DME Rwy 25, (11-3) HI- TACAN ILS DME Rwy 25: CAUTION: ILS not to be used for auto-coupled approaches below 460' (406').

Waterford, Ireland, (11-1) ILS or LOC Rwy 21 based on NOTAM A2252/20: Maximum level in WTD NDB holding changed to MAX FL 70. (16-1) NDB Rwy 03 based on NOTAM A2253/20: Maximum level in WTD NDB holding changed to MAXFL 70.

Wattisham, U.K., ILS not to be used for auto-coupled approaches.

Procedure established outside controlled airspace note withdrawn.

Yeovil, U.K., (Westland), (10-9) Aerodrome closed to fixed-wing acft. CAUTION note deleted: Caution required for propeller-driven fixed wing acft.

Based on NOTAM L5454/20 following charts withdrawn: (10-1R) RADAR MNM ALTS, (18-1) SRA Rwy 09, (18-2) SRA Rwy 27.