



**NO 1 AERONAUTICAL INFORMATION DOCUMENTS UNIT
PRODUCTS AND SERVICES CATALOGUE 2013/14**



No 1 Aeronautical Information Documents Unit

INTRODUCTION-OC No 1 AIDU

AIDU has a wide remit to deliver all aeronautical information products and services to UK Defence through production, partnering or acquisition to support the achievement of Defence objectives. We should be the single conduit to ensure coherence, commonality and value for money. The portfolio of foundation data we distribute is captured in JSP 465 and is a starting point for many other Defence capabilities, ranging from Mission Planning to Air Traffic Control to cockpit mapping and Flight Management System data. We are involved to some degree with every Air Platform in the inventory.

Historically, our output has been largely printed paper material; this is still an important medium but, increasingly, content is being delivered online or by CD/ DVD soft copy. Indeed, our web delivery tool, MilFLIP (which has 2585 account holders and averages over 25,000 hits per month) should be the primary 'go to' source for AI in order to ensure the very latest data is referenced. As a result, end users now have at least 3 choices of how to receive their AI: paper, online or CD/DVD. We are keen to drive down the amount of unnecessary waste caused by paper being thrown away at the end of each AIRAC cycle and I would urge each account holder to consider how they might best achieve their needs. For example, all military customers can reduce their shelf stock trigger levels in the knowledge that, AIDU can resupply you with additional copies using our 24-hour or overnight delivery service.

Looking to the future, the movement towards accessing our AI data via electronic tablet devices is gathering momentum; various trials have taken place within MOD and there are a number of developers currently tailoring their product to aid delivery. Once these have been completed and the results are fully tested and sanctioned, expect this delivery method to become more widespread.

Finally, for a long time the specialized and skilled work undertaken at AIDU has been undervalued and can go unnoticed; we welcome contact with our end users and encourage you to use the 'Contact Us' tab at www.milflip.com for customer feedback, amendments, suggestions or tasking where your input will be logged and tracked through our Quality Assurance process. Notwithstanding this, there will always be a warm welcome if you and your team would like to visit to see how we meet your needs and to discuss future capability and delivery.

'Quo Certior Eo Tutor – The more fully informed, the safer'

TEXT BASED DOCUMENTS

The UK Military Aeronautical Information Publication

The UK Military Aeronautical Information Publication (UK Mil AIP) consists of Volumes 1 and 2. No 1 AIDU produces an update to the UK Mil AIP every 28 days to meet the AIRAC schedule (see page 7). The General and En-Route Volume, Vol 1, provides general information including definitions, product legends and descriptions of UK NOTAMs and Air Traffic and Meteorological Services. It provides guidance to military air crew on in-flight navigation procedures, visual and instrument flight rules, airspace classification, rules governing instrument approaches and navigation warnings (danger areas, provost Marshall prohibited etc). The UK Aerodromes Volume, Vol 2, provides comprehensive information on UK military airfields including operating times, facilities, airfield surface and obstruction information, communications and runway lighting details, noise abatement and special procedures. It also provides graphics for SIDS/STARS, instrument approaches and airfield diagrams and ramp charts. A CD-ROM containing the UK Mil AIP is also produced every 28 days. It is available for download from the No 1 AIDU MilFLIP website - www.milflip.com.

Volume 1 - General and En-Route
Volume 2 - UK Aerodromes
Paper Amendments
Digital

13 AUG 09
16 AUG 09

Supplements, Handbooks and Bulletins

En-Route Supplements (ERSs) provide a comprehensive listing of aeronautical information including airfield and navigation aid for specific regions. Information is provided for all active UK military airfields and a selection of foreign civilian and military airfields. The Flight Information Handbook (FIH) is a digest of information from the various larger document sources that are required for in-flight reference. Information is provided on emergency, safety and holding procedures and en-route information. There are a selection of codes and conversion tables included in the document. The En-Route Bulletin (ERB) is issued every 28 days and contains amendments for ERCs, ERSs and the FIH. The ERB also contains ERC coverage diagrams.

En-Route Supplement (ERSs)
BINA, NOREU, EUMED, SAAAFE
Flight Information Handbook (FIH)
En-Route Bulletin (ERB)

EN-ROUTE
SUPPLEMENT
EUROPEAN
MEDITERRANEAN
13 AUG 09 (INCLUDES EN-ROUTE BULLETIN 08)
NEXT EDITION 05 NOV 09



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CHARTS

Terminal Approach Procedures (TAPs)

All available Terminal Charts (otherwise known as plates) are listed in the Terminal Charts Catalogue (TCC) which is produced every 28 days. Non permanent, textual amendments to the charts are published in the Terminal Charts Amendment Bulletin (TCAB), which is issued every 28 days. Both documents are available to download from the AIDU MilFLIP website - www.milflip.com.

Terminal Charts include Standard Instrument Departures (SIDs), Standard Arrival Routes (STARs), Terminal Approaches, Airfield Diagrams and Ramp Charts. A Terminal Charts Information and Legend leaflet is available in the UK Mil AIP Vol 1 or as a separate document.

Volumes of the terminal chart procedures to cover the United Kingdom are produced in two spiral bound books labelled Terminal Charts UK - North and South. Separation into North and South coverage occurs at the 52 30' N parallel. These volumes provide comprehensive coverage of all UK military aerodromes and include SIDs, STARs and Airfield and Ramp Charts and are produced every 56 days. Charts with significant amendments are published in the TCAB.

A set of procedures (mostly TACAN and ILS) for airfields likely to be used by fast-jet aircraft is contained in a fast-jet terminal chart book produced every 56 days. Amendments can be found in the TDAB.

Aerodrome Booklets, which are A5 in size and up to 76 pages in length, contain plates for airfields within a particular location(s) or route. Where the No 1 AIDU core coverage does not include a particular airfield, the booklets have been supplemented with navtech sourced plates. Products containing Navtech plates are available to MOD customers only. The catalogue and content of Aerodrome Booklets vary depending on current Service requirements.

Three helicopter landing site booklets and the Minor Aerodromes UK (MAD) are published bi-annually. The Helicopter Landing Sites UK (Heli UK) book contains details of military and some civilian sites in the UK, together with helicopter routes in selected control zones and training areas. The Helicopter Landing Sites Hospital UK (Heli Hosp) book contains details of hospital helicopter landing sites in the UK and certain control zones. The Helicopter Landing Sites and Visual Approach and Departure Charts Europe (Heli Eur) book contains military and some civilian sites in Belgium, Cyprus, Denmark, Faroe Islands, France, Germany, Italy, Norway, The Netherlands and Ireland alongside associated visual approach and departure charts.

The MAD contains information on military and some civilian aerodromes that are not featured in Terminal Charts. All three Helicopter books and the MAD are supported by the TCAB.

Terminal Charts
Terminal Charts United Kingdom
Fast-Jet Terminal Chart Books
Helicopter Landing Sites Hospitals UK
Helicopter Landing Sites Europe
Minor Aerodromes UK (MAD)
Terminal Charts Amendment Bulletin (TCAB)



En-Route Charts (ERCs)

ERCs provide graphical detail of airway routes, designated airspace, airspace reservations, radio navigation facilities and en-route communication. They contain minimal topographic information but important Maximum Elevation Figures are shown. Charts are provided at varying scales, the most common being 1:2,000,000 and 1:1,000,000. They are also split between High and Low Levels, the divide typically occurring at FL245. An En-Route Chart Legend is available in the Mil AIP and as a separate document.

En-Route Charts are series-designated according to region. The areas of coverage can be found on the Area Coverage page.

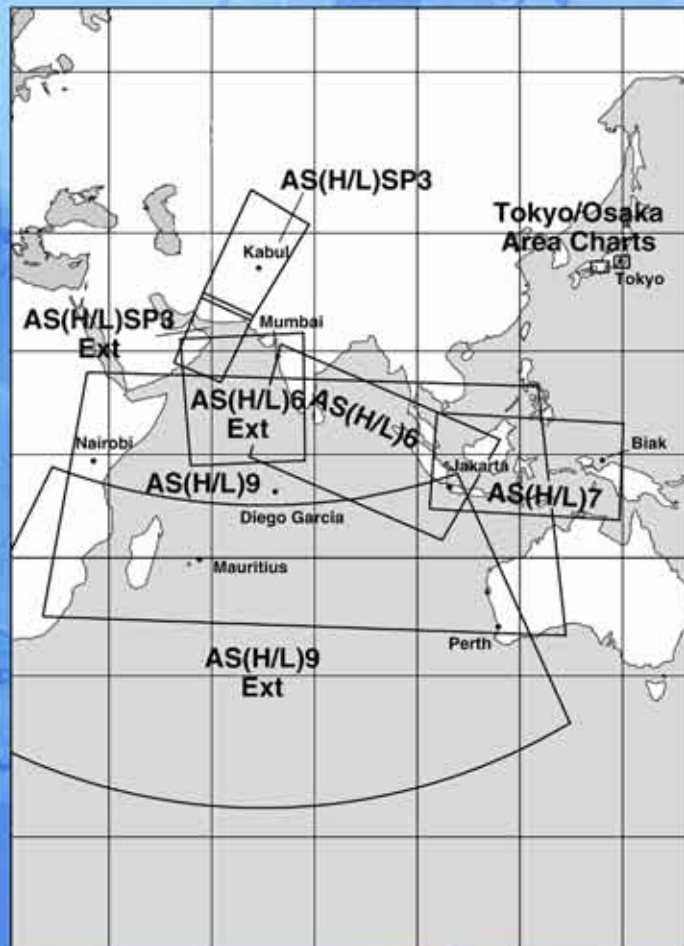
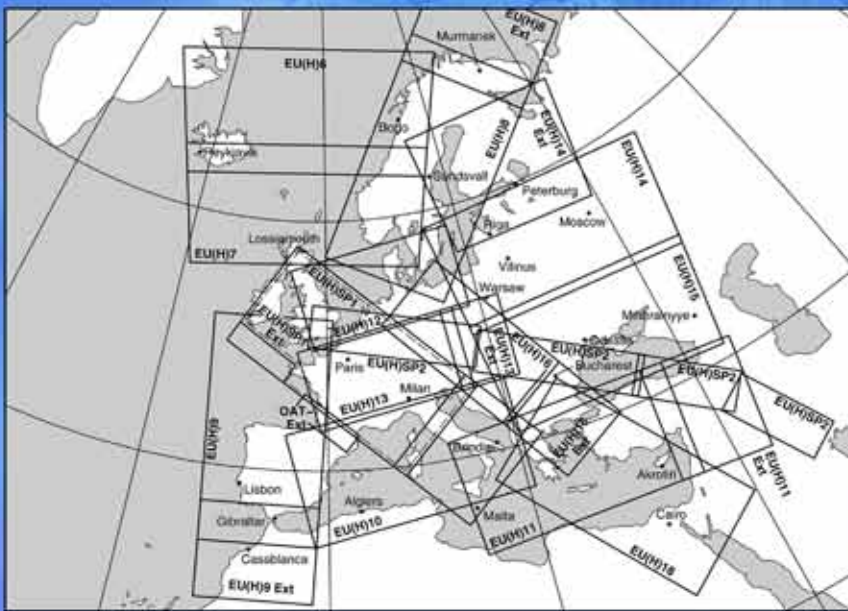
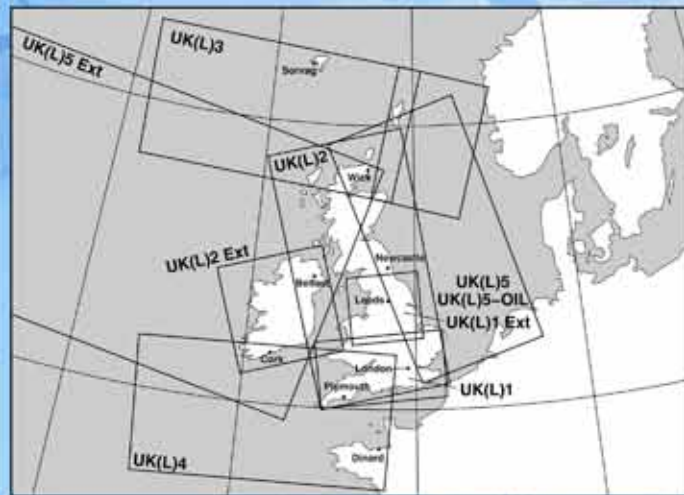
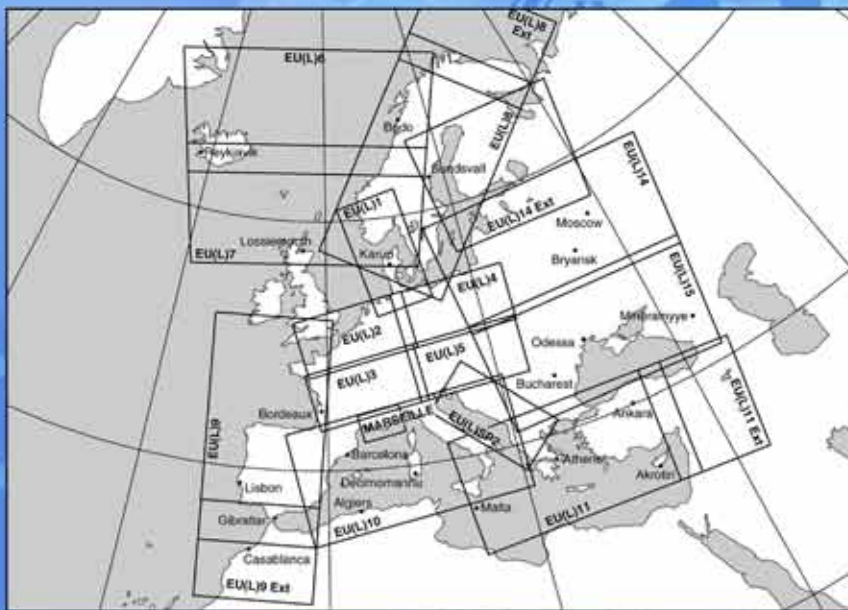
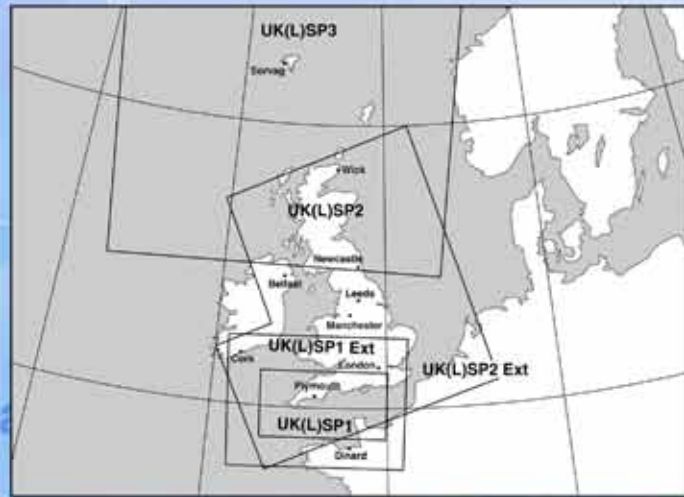
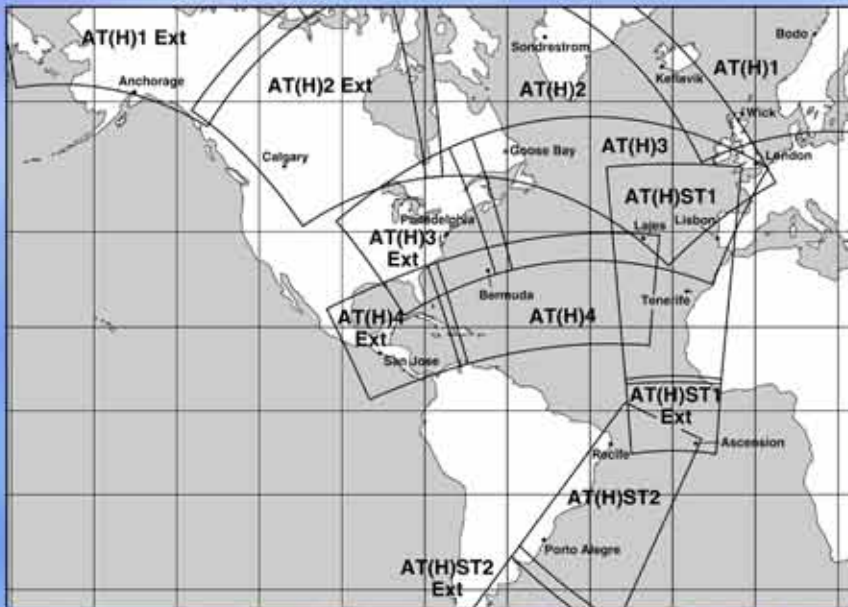
REGION	DESIGNATOR
UK	UK
Europe	EU
Africa	AF
Middle East	ME
Asia	AS
Atlantic (including polar)	AT

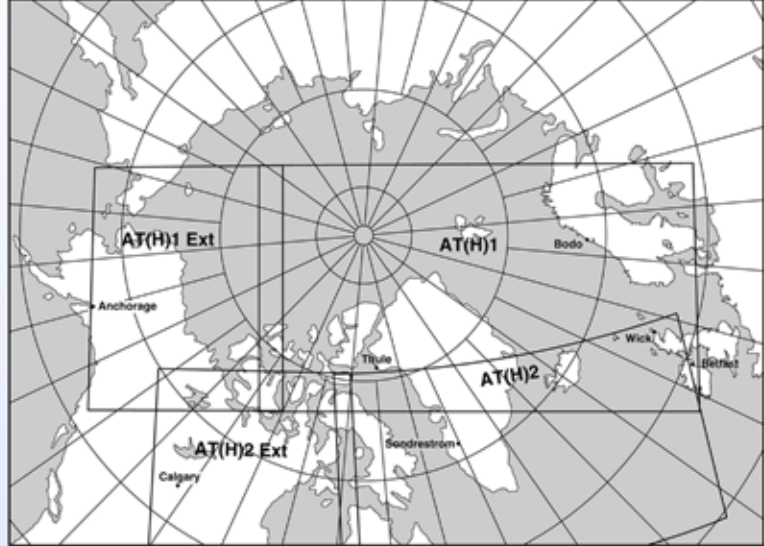
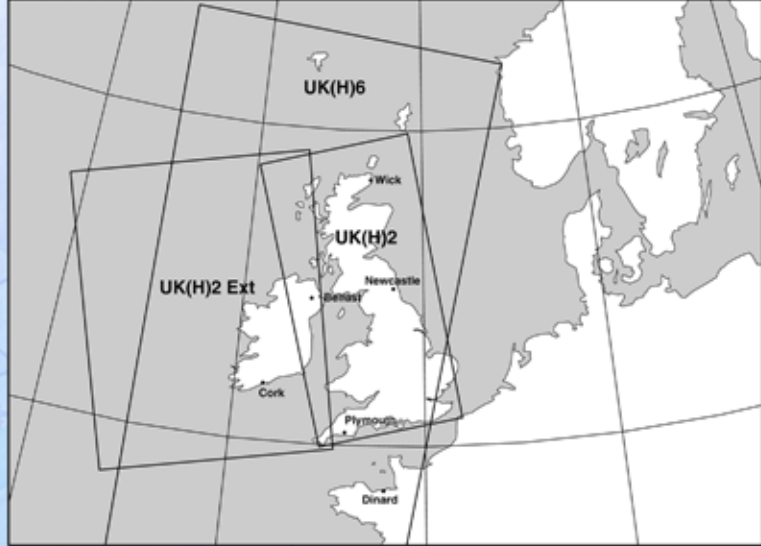
ERCs are available in paper format and will soon be available on the No 1 AIDU MilFLIP website - www.milflip.com. A sub-set of the charts is also available in digital format (ASRP) and proprietary format for use in aircraft cockpit displays and mission planning systems (see Digital page).

En-Route Charts (ERCs)



EN-ROUTE CHART COVERAGE





Low Flying Information

The United Kingdom Military Low Flying Handbook (UKMLFHB) describes the UK Military Low Flying System including High Intensity Radio Transmission Areas (HIRTA). In addition to providing general low flying regulations, the UKMLFHB lists specific information regarding avoids and warnings. It should be used by all military aircraft that intend to low fly in conjunction with the UK Low Flying Charts, the UK Chart Amendment Low Flying (CALF) and NOTAM. A CD-ROM containing the UKMLFHB and the bird avoidance model is produced every 28 days. Military users can download HIRTA susceptibility tables on the No 1 AIDU intranet site through DII. The UKMLFHB is available to download on the AIDU MiFLIP web-site - www.miflip.com.

- UK Military Low Flying Handbook (UKMLFHB)
- Low Flying Charts (LFCs)
- M-5219 (Air) Charts
- FOST LFC
- Chart Amendment Low Flying (CALF)

No 1 AIDU produces 1:500,000 UK Low Flying Charts (LFCs) and 1:250 000 M-5219 (Air) series charts. These are only available to UK military users. These charts contain extensive Ordnance Survey topographic information, obstruction information, MEFs and power line information. The LFC and M-5219 (Air) series depict obstructions greater than 200ft AGL and 150ft AGL respectively, although both show all known obstructions above 75ft within Tactical Training Areas. LFCs portray all Low Flying information up to 2000ft, all other airspace up to 10,000ft and generalised controlled airspace up to FL195 whilst the M-5219(Air) charts depict aeronautical information up to and including FL100. The charts provide a guide to aeronautical information and users of the LFC and M-5219(Air) should refer to ERCs to obtain detailed updated aeronautical information above safety altitude.

There are three charts in the UK LFC series, each has a day and a night version. For users in the South West and Wales, there is also a North and South FOST LFC, designed for VFR low flying use in the Plymouth Danger Areas. The LFC is printed twice a year, although digital images incorporating the latest CALF (see below) are produced every 28 days for the use of supported cockpit digital map displays and mission planning systems.

Each of the six charts in the M-5219 (Air) series are produced twice yearly. The M-5219 (Air) series charts are available as digital images. Paper copies are supplied by the Defence Geographic Centre, Feltham.

The Chart Amendment Low Flying (CALF) is produced every 28 days. It provides an amendment service for the paper LFCs and M-5219 (Air) charts. The CALF is available in paper or can be downloaded as a PDF.

DIGITAL PRODUCTS AND SERVICES

Digital Geographic Preparation and Processing Systems (DIGPAPS)

DIGPAPS Section is responsible for all AIDU's digital output. There is considerable overlap in the processing required for each platform and any new requirement should be discussed with our experts at the beginning of any project stage to ascertain what are the data exchange requirements. Not all formats are optimal and some have limited life support ahead of them.

DAFIF
ARINC 424
ASRP
CADRG
GeoTIFF

Digital data formats

DAFIF (Digital Aeronautical Flight Information File)

DAFIF
ARINC 424

DAFIF is the military standard for digital aeronautical data produced in support of Mission Planning, Flight Management Systems and Flight Simulation. DAFIF is administered by NGA (National Geospatial Intelligence Agency) although No1 AIDU (DIGPAPS) has distribution rights for this dataset throughout the MoD. The DAFIF format is developed periodically; at present there are 2 editions of DAFIF supported, 7 and 8. DIGPAPS currently produces a DAFIF dataset covering 25 core European country regions which is amalgamated with the NGA dataset to provide comprehensive worldwide coverage. The product is distributed in line with the AIRAC cycle every 28 days.

ARINC 424

The data contained within No 1 AIDU DAFIF is also available in ARINC 424, the de-facto civilian equivalent. This serves aircraft derived from civilian stock eg Tristar, VC10, ASTOR, etc.

Digital mapping products and formats supported

En-Route Charts (ERCs) - Provide graphical detail of airway routes, designated airspace, airspace reservations, radio navigation facilities and en-route communication. Scales available: 1:1,000,000, 1:2,000,000 & 1:5,000,000.

Distribution Frequency: AIRAC (28 days)

Low Flying Charts (LFCs) - Provide extensive topography information, obstruction, MEFs and powerline information in addition to portraying all Low Flying information up to 2000ft, all other airspace up to 10,000ft and generalised airspace up to FL195. Series: LFC UK (Day and Night) & FOST (VFR low flying use in the Plymouth danger Areas). Scale available: 1:500,000.

Distribution Frequency: AIRAC (28 days)

M5219(Air) (aka 'Helicopter charts') - Provide extensive topography information, obstruction, MEFs and powerline information in addition to portraying all Low Flying information up to 2000ft, also depicting aeronautical information up to and including FL100. Scale available: 1:250,000

Distribution Frequency: Twice yearly

No1 AIDU (DIGPAPS) currently support each of the 3 product types available in each of ASRP and CADRG :

ARC Standard Raster Product (ASRP) - ASRP is the military de-facto format for digital graphical products. ASRP is a geo-referenced bitmap that is divided into geographic data sets as distribution rectangles and enables the mapping to be seamlessly joined within mission planning and cockpit display systems.

Compressed ARC Digitised Raster Graphic (CADRG) - CADRG is a geo-referenced bitmap that is a general purpose product created by NGA to support weapons, theatre battle management, mission planning and digital moving map systems.

GeoTIFF - GeoTIFF is a bitmap image that allows geo-referencing information to be embedded within a TIFF file. Additional information can include projections, coordinate systems, ellipsoids, datums, and everything else necessary to establish the exact spatial reference for the file.

Map Availability Catalogue (MAC) - A soft copy of the MAC is available for each supported digital map system and type defining all mapping currently available to the AIDU customer. The MAC is broken down into geographical areas/theatres with area of coverage diagrams displaying all mapping sheet lines. In addition, there is also descriptive text showing current available scales, effective dates and release conditions.

ERCs
LFCs
M5219(Air)
ASRP
CADRG
GeoTIFF
MAC

WEB SERVICES

Military Flight Information Publications (MilFLIP)

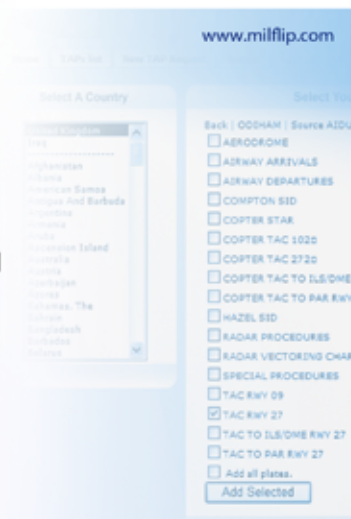
www.milflip.com

Developed by No 1 AIDU, MilFLIP provides authorised customers with secure internet access to the complete AIDU catalogue. MilFLIP provides access to products by external agencies such as Navtech's extensive TAP library and NGA's American planning documents and TAPs and provides links to foreign websites and AIP's.

MilFLIP offers a comprehensive worldwide TAP coverage, which include IAPs, SIDs, STARs, Ramp Charts and Aerodrome Charts, which can be downloaded as PDFs (single or in booklet format) and viewed, printed or saved to your local device. Digital data is also available to download for various Airframes including C130J, Tornado, Typhoon and VC10.

MilFLIP provides access to an Aeronautical Display System (ADS) where you can draw and plan routes, giving the user the ability to create TAP booklets and Airfield Information specific to your route. The user is also able to switch between Aeronautical, Topographical and Training Area layers and in the near future NOTAMS and weather feeds will be introduced to the functionality.

MilFLIP is also available on DVD. A Civil MilFLIP DVD containing only AIDU products is also available to purchase.



No 1 AIDU Overview

www.gov.uk/defence-intelligence-services

www.gov.uk/defence-intelligence-services
<http://www.raf.r.mil.uk/live/aidu/index.htm>

The above website provides information on the Unit's products and services and contains some background information on the Unit. It also provides a number of notices and updates on our products. The website is available on the world wide web. There is further information about No 1 AIDU, including a history timeline at - <http://www.raf.r.mil.uk/live/aidu/index.html>

EDITIONS AND AMENDMENTS

AIRAC Cycle - 2013/2014 AIRAC Dates and Products' Editions and Amendments

Product	Editions per Year	Amendment Service	AIRAC Cycle	2013	2014
En-Route Charts	As required	ERB	1	10 January	9 January
Loose Leaf TAPs	As required	TCAB	2	7 February	6 February
Aerodrome Booklets	As required	TCAB	3	7 March	6 March
Low Flying Charts	2	CALF	4	4 April	3 April
UK Special Air Chart M5219	2	CALF	5	2 May	1 May
Transit Flying Chart Low Level	1	CALF	6	30 May	29 May
ERS British Isles and North Atlantic (BINA)	4	ERB	7	27 June	26 June
ERS Northern Europe (NOREU)	4	ERB	8	25 July	24 July
ERS European Mediterranean (EUMED)	4	ERB	9	22 August	21 August
ERS South Atlantic, Africa, Southern Asia and Far East (SAAAFE)	2	ERB	10	19 September	18 September
Terminal Charts UK North (TC UKN)	6	TCAB	11	17 October	16 October
Terminal Charts UK South (TC UKS)	6	TCAB	12	14 November	13 November
Helicopter Landing Sites UK (HELI UK)	2		13	12 December	11 December
Helicopter Landing Sites Hospitals UK (HELI HOSP)	2	TCAB			
Helicopter Landing Sites & Visual Approach & Departure Charts Europe	2	TCAB			
Minor Aerodromes UK (MAD)	2	TCAB			
Flight Information Handbook (FIH)	1	ERB			
UK Mil AIP (CD)	13				
UK Mil Low Flying Handbook (UKMLFHB)	Initial Issue	Monthly Amend Service			
UK Mil Low Flying Handbook Amendment	13	Monthly Amend Service			
UK Mil Low Flying Handbook (CD)	13				
European Waypoint Directory (EWD)	13				
USA / Canada Waypoint Directory (UCWD)	13				
Terminal Chart Catalogue (TCC) - Online only	13				
Terminal Chart Amendment Bulletin (TCAB)	13				
En-Route Bulletin (ERB)	13				
Chart Amendment Low Flying (CALF)	13				

PROCEDURE DESIGN

Introduction

Procedure Design

No 1 AIDU Procedure Design Liaison Team (PDLT) is the designated design authority for all Instrument Approach and Departure Procedures at MOD airfields in the UK and British military airfields overseas. PDLT is directed to keep these procedures up to date with a yearly review of obstacles and an annual check of magnetic variation affects. PDLT has the technical expertise to advise RAF Air Command on aerodrome safeguarding iaw JSP 554. Under British law, County and local planning authorities have 21 days to process planning applications. Air Command will inform Defence Estates with the outcome of the Safeguarding analysis, who will in turn inform the relevant County and local planning authorities. All of these tasks involve liaising with aerodrome SATCO's, Air Command, Defence Estates and airfield surveyors. Throughout the year PDLT represents the UK military at a NATO working group. Its purpose is to develop new military criteria for use in procedure design. Additionally, PDLT attends various other meetings and briefings regarding procedure design and safeguarding. The output is the final publication of new and amended Terminal Approach Plates for the UK military and paying customers and the issue of safeguarding calculations to Air Command.

Products and Process

APATC-1
PANS-OPS
PDLT

Currently all UK military procedures are designed to the NATO criteria specified in the APATC-1 document which provides terrain and obstacle clearance to specified levels. NATO agreed to adopt the ICAO design standard, Procedures for Air Navigation Services – Air Operations (PANS-OPS) with effect Oct 08. Accordingly, a programme is under way on an airfield by airfield basis to convert all UK's APATC-1 procedures to PANS-OPS/AATCP-1 procedures; the full conversion will take three years.

Obstacle clearance is the primary safety consideration in developing instrument approach procedures and because of variable factors such as terrain, aircraft characteristics and pilot ability, the procedures are based on present standards of equipment and practices. The AATCP-1 document is a supplement to PANS-OPS which establishes military unique criteria for instrument approach and departure procedures. Upon receipt of an aerodrome safeguarding issue, the PDLT will be provided with the obstacle build data (nature of development, building and ground level height, grid position or latitude and longitude). The PDLT will evaluate the obstacle against all the relevant procedures, drawings and airfield surveys. If an obstacle penetrates the safeguarded surfaces or affects the procedure minima, the height of the obstacle may be limited. In this case the construction company may take court action and the results produced by AIDU will be used as evidence.

QUALITY ASSURANCE

Processes

Quality Assurance

In order to provide a fully accountable and auditable trail of Aeronautical Information (AI), according to ICAO and Eurocontrol doctrines, please notify us of any changes or amendments, discrepancy reporting, suggestions or issues regarding your customer orders through the No 1 AIDU web-site www.milflip.com. By using the **Contact Us** tab on the web-page you will be directed to the form that also includes a User Guide. Once a request is completed you will automatically receive a unique reference number for tracking purposes. In addition, you will be contacted within 10 working days on the outcome of your particular request.

Please be assured that you can still contact us for assistance and advice if required on the normal published phone numbers and email addresses. However, any action that requires a 'positive action' from No 1 AIDU will only be actioned and staffed through the 'Contact Us' tab on MilFLIP.

The advantages to the end user include an assurance that we have your exact concerns in writing. Additionally, the speed of email delivery versus posted mail and the assurance of you receiving a unique tracking number mean you can be confident the message has indeed arrived with us. For our part, we can more accurately track the progress of the actions around the Unit to ensure you get a full and considered response. It will allow us to provide a more detailed analysis of trends and anticipate any growing areas that require attention.

No 1 AIDU is fully committed to the Quality Assurance of its products and believes that by taking this step has improved the end-to-end integrity of the final AI product. If you have any questions on this matter please do not hesitate to contact the Quality Systems Manager, on 95233 8696 / +44 (0) 208 8833 8696 email - AIDU-WO-MIL-AIP-MAISO@mod.uk.

INFORMATION

Obtaining Products and Services - UK Military

All UK Military Units are entitled to receive centrally funded products and services from No 1 AIDU free of charge. New military users should contact No 1 AIDU Customer Services to have an account created. All accounts are reviewed annually in March/April. Changes to accounts should be notified via the 'Contact Us' tab at www.milflip.com.

UK Military

Obtaining Products and Services - Other customers

Most products and services are available to civilian customers to purchase except Topographic Charts and those Terminal Charts, which originate outside of No 1 AIDU. Products and services can be purchased as a 'once only' order or by annual subscription. Civilian customers are charged for all goods, postage and packaging. Each account is reviewed annually - billing occurs either monthly or quarterly depending on the total annual cost.

Other Military and Civilian

Total Annual Value	Frequency of billing	Date of billing
Up to £2,500	3-monthly	January, April, July and October
More than £2,500	Monthly	1 month after despatch of products

A completed order form will constitute a formal order for the supply of products and services to the nominated consignee. Cheques and postal orders must be in British sterling and made out to - **HMG Public Sub-Account 3653** and crossed '**A/C Payee Only**'. If order value is less than £35, payment in advance of delivery is required. Bank notes and coins must not be sent through the post. Cheques or money orders from non-UK banks incur an appropriate handling fee, payable by the customer.

If paying through the MOD invoicing system, customers must provide the full name in which the invoice is to be raised, the invoice address, the contact name and the contact telephone number. Orders which are placed using a business account must include a purchase order number recognisable by the customer's bill paying section. Paper products are zero rated for VAT purposes, however CDs and DVDs attract VAT at current rates. VAT will be added for all UK customers. Non-UK customers within the European Union will have VAT applied unless No 1 AIDU is advised prior to an order of the local VAT registration number. European Union customers should liaise directly with HM Revenue and Customs to apply to reclaim VAT payments. VAT will not be charged to customers outside the EU.

CONTACT DETAILS

AIDU useful contact details

To contact No 1 AIDU from a civilian telephone, please dial **+44 (0)208 833 + extension** you require. To contact the Unit from a military telephone, please dial the RAFTN for RAF Northolt, **95233** followed by the extension you require. The preferred method of contact for all queries or enquires is via the 'Contact Us' tab at www.milflip.com.

Military 95233 + ext
Civilian +44 (0)208 833 + ext
www.mod.uk/AIDU

Name	Telephone Number	Fax Number	Email / Internet / RLI
Customer Services (Mil and Civ Orders) CustomerServices Manager	95233 8209 95233 8906 020 8833 8209 020 8833 8906	95233 8510 020 8841 1078	'Contact Us': tab at www.milflip.com
Aeronautical Information Requirements Manager (AIRM)	95233 8203 020 833 8203	95233 8718 020 8833 8718	AIDU-AIRM AIDU-AIRM@mod.uk
Chief of Staff AIDU (COS)	95233 8203 020 8833 8203	95233 8718 020 8833 8718	AIDU-COS AIDU-COS@mod.uk
OC AI Delivery Flight	95233 8508 020 8833 8508	95233 8718 020 8833 8718	AIDU-FLT CDR AI DELIVERY aidu-fltcdraidelivery@mod.uk
OC AIS, Support, Production Flight	95233 8508 020 8833 8508	95233 8718 020 8833 8718	AIDU-FLT CDR ASP aidu-fltcdrasp@mod.uk
Business and Finance Manager	95233 8698 020 8833 8698	95233 8718 020 8841 1078	AIDU-OC SUPPORT FLIGHT AIDU-OCSUPPORTFLT@mod.uk

Military Number
Civilian Number

COSTS

Product Costs wef 1 Apr 13 (£ per copy)

Aeronautical Databases	POA ⁶
AIDU Area Chart	6.21
Chart Amendment Low Flying (CALF)	5.89
CivFLIP DVD	275.63
En-Route Charts ¹	6.21
En-Route Bulletin (ERC) ¹	5.89
En-Route Charts Digital (ASRP)	POA ⁶
En-Route Charts LEGEND	2.18
En-Route Supplement British Isles North Atlantic (BINA) ¹	19.26
En-Route Supplement Northern Europe (NOREU) ¹	19.26
En-Route Supplement European Mediterranean (EUMED) ¹	21.40
En-Route Supplement South Atlantic, Africa, Asia & Far East (SAAAFE) ¹	37.99
European Waypoint Directory (EWD)	21.00
North American/Canadian Waypoint Directory (UCWD)	21.00
Flight Information Handbook (FIH) ¹	12.04
Helicopter Landing Sites Europe (HELI EUR) ⁵	42.80
Helicopter Landing Sites Hospital (HELI HOSP) ⁵	32.10
Helicopter Landing Sites UK (HELI UK) ⁵	26.82
Low Flying Chart (FOST)	12.84
UK Mil AIP CD Main CD	183.89
UK Mil AIP CD Amendments per AIRAC	15.04
UK Military Low Flying Handbook (UKMLFHB)	178.57
UK Military Low Flying Handbook (UKMLFHB) Amendment per AIRAC	32.68
UK Military Low Flying Handbook (UKMLFHB) CD Main CD	POA ⁶
UK Military Low Flying Handbook (UKMLFHB) CD Amendments per AIRAC	POA ⁶
Minor Aerodromes (MAD) ⁵	21.24
Terminal Charts Amendment Bulletin (TCAB) ^{2,3,4,5}	5.89
Terminal Charts Catalogue (TCC) (Available for free at www.milflip.com)	N/A
Terminal Chart Aerodrome Booklets ⁴ (each)	6.83
Terminal Charts Book UK North (TC UKN) ²	39.32
Terminal Charts Book UK South (TC UKS) ²	39.32
Terminal Charts Fast Jet North (FASTJET) ³	84.26
Terminal Charts Legend Book (TAP LEGEND)	3.53
Terminal Charts Legend Card	2.21
En-Route Charts Folder (Board/Clip/24 Pocket)	8.61
En-Route Charts Folder (32 pocket)	9.92
Terminal Charts Binder (Side ring narrow)	6.07
Terminal Charts Binder (Side ring wide)	9.38
UK Mil AIP Binder (for paper issue only)	8.82

¹ Annual subscribers to En-Route Charts, En-Route Supplements and Flight Information Handbook receive the En-Route Bulletin at no cost but must pay postage and packaging.

² Annual subscribers to Terminal Charts UK North and South receive the Terminal Charts Catalogue (free) and the Terminal Charts Amendment Bulletin at no extra cost, but must pay postage and packaging.

³ Annual subscribers to Terminal Charts Fast-Jet Book receive the Terminal Chart Catalogue (free) and the Terminal Chart Amendment Bulletin at no cost but must pay postage and packaging.

⁴ Annual subscribers to Terminal Charts Aerodrome Booklets receive the Terminal Charts Catalogue (free) and the Terminal Charts Amendment Bulletin at no cost but must pay postage and packaging.

⁵ Annual subscribers to any of the Helicopter Landing Sites or the Minor Aerodromes UK receive the Terminal Charts Amendment Bulletin at no cost but must pay postage and packaging.

⁶ Price on Application - Contact Customer Services (see Contacts page).

POSTAGE AND PACKAGING COSTS

Postal and Packaging Charges 2013/14

Charts

Once Only Orders			
Number of items	UK £ : p	Europe £ : p	World £ : p
1	1.29	2.15	2.68
2 to 5	2.24	3.49	5.71
6 to 10	3.17	4.86	8.73
11 to 15	4.61	6.84	12.64
16 to 20	5.97	8.73	16.46
21 to 30	7.38	29.54	37.32
31 to 40	10.41	31.44	42.56
41 to 50	11.06	33.99	48.43
51 to 100	11.68	41.86	72.19
101 to 200	23.34	54.23	112.52
201 to 300	35.01	63.60	141.99
301 to 400	46.62	70.51	167.18
401 to 500	58.28	77.34	192.32
501 to 600	74.43	89.01	229.74
601 to 700	93.31	100.68	267.20
701 to 800	110.86	112.40	304.62
801 to 900	128.30	130.96	342.01
901 +	140.00	142.85	367.26

Standing Orders			
Number of items	UK £ : p	Europe £ : p	World £ : p
1	1.17	1.95	2.44
2 to 5	2.04	3.17	5.19
6 to 10	2.88	4.42	7.94
11 to 15	4.19	6.22	11.49
16 to 20	5.43	7.94	14.96
21 to 30	6.71	26.85	33.93
31 to 40	9.46	28.58	38.69
41 to 50	10.05	30.90	44.03
51 to 100	10.62	38.05	65.63
101 to 200	21.22	49.30	102.29
201 to 300	31.83	57.82	129.08
301 to 400	42.38	64.10	151.98
401 to 500	52.98	70.31	174.84
501 to 600	67.66	80.92	208.85
601 to 700	84.83	91.53	242.91
701 to 800	100.78	102.18	276.93
801 to 900	116.64	119.05	310.92
901 +	127.27	129.86	333.87

Documents

Once Only Orders			
Number of items	UK £ : p	Europe £ : p	World £ : p
1	2.68	4.20	8.35
2	5.01	7.23	15.72
3 to 10	10.57	37.47	62.99
11 to 20	15.17	48.84	100.68
21 to 50	40.66	135.70	268.24
51 to 100	75.68	243.71	503.21
101 to 200	151.26	487.39	1006.38
201 to 300	232.35	731.03	1509.60
301 to 400	302.45	974.61	2280.95
401 to 500	383.53	1218.24	2515.88
501 to 600	453.70	1434.87	3145.11
601 +	489.46	1543.16	3396.75

Standing Orders			
Number of items	UK £ : p	Europe £ : p	World £ : p
1	2.44	3.82	7.59
2	4.55	6.57	14.29
3 to 10	9.61	34.06	57.26
11 to 20	13.79	44.40	91.53
21 to 50	36.96	123.36	243.85
51 to 100	68.80	221.55	457.46
101 to 200	137.51	443.08	914.89
201 to 300	211.23	664.57	1372.36
301 to 400	274.95	886.01	2073.59
401 to 500	348.66	1107.49	2287.16
501 to 600	412.45	1304.43	2859.19
601 +	444.96	1402.87	3087.95



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