

AERONAUTICAL CONTENT EXPLOITATION SYSTEM (ACES)

ACES 1.5 - USER GUIDE

Your official step-by-step guide to using the ACES 1.5 web platform

Dec 19, 2024

Version number: 9



AERO
NAVIGATION OFFICE

CONTENTS

AERO DATA ROADMAP – How to get data using ACES 1.5.....	3
COMPATIBILITY – Which browsers & devices work with ACES 1.5	4
BEFORE YOU START – Aero App: Your primary tool for interacting with Aero data	5
SECTION 1 GETTING STARTED.....	6
1.a REQUESTING YOUR ASPS USER ACCOUNT.....	7
SECTION 2 LOGGING IN TO ACES 1.5.....	9
2.a LOGGING IN TO THE ACES 1.5 WEBSITE.....	10
SECTION 3 FINDING THE PRODUCTS YOU NEED	11
3.a USING THE DAFIF SECTION	12
3.b USING THE FLIP/E-IPL DVD SECTION	13
3.c USING THE FLIP INTERACTIVE DVD	14
3.d USING THE E-IPL INTERACTIVE DVD	21
3.e FLIP/E-IPL DVD DOWNLOADS.....	23
3.f SEARCH USING THE TERMINALS SECTION	24
SECTION 4 CUSTOMER SUPPORT	27

AERO DATA ROADMAP – How to get data using ACES 1.5

HOW TO GET DATA USING ACES 1.5



1. Create

Establish an ASPS user account.



2. Access

Use your account to authenticate.



3. Search

Find your Aero data or product.



4. Download

View or download the desired data.



EASY ACCESS TO DATA - FROM ANYWHERE IN THE WORLD

COMPATIBILITY – Which browsers & devices work with ACES 1.5

The ACES 1.5 portal is compatible with most of the popular web browsers, including:



INTERNET EXPLORER



GOOGLE CHROME



MOZILLA FIREFOX



MICROSOFT EDGE



iOS SAFARI

The user interface (UI) of ACES 1.5 will scale to meet the window size of your browser.

User Tip: For best results, always view in landscape mode when using smaller hand-held devices and ensure your operating systems and browsers are up to date with the latest software.

BEFORE YOU START – Aero App: Your primary tool for interacting with Aero Data



THE *PRIMARY TOOL* FOR DOD AIRCREW VIEWING AND INTERACTING WITH NGA'S AERONAUTICAL DATA AND PRODUCTS IS AERO APP.

IN ADDITION TO 99% OF OUR DATA, OUR MOBILE FLIGHT APPLICATION PROVIDES YOU WITH ACCESS TO HOST NATION PROCEDURES, GIANT REPORTS, DIGITAL GLOBE IMAGERY, THE ELECTRONIC INSTRUMENT PROCEDURES LIBRARY, AND MUCH, MUCH MORE!

If you're Department of Defense (DoD) aircrew, chances are you've already got **Aero App** on your mobile device. To see what's new or to learn more about Aero App, visit the website below.

LEARN MORE.

[Visit the AeroApp.info website!](http://AeroApp.info)

AERO APP
Your free DoD-Owned EFB



SECTION 1 GETTING STARTED

Objective

The Aeronautical Content Exploitation System (ACES) 1.5

web portal is your solution for accessing and downloading a subset of NGA's unclassified Aeronautical data and products. ACES 1.5 offers you an intuitive, consistent, user-friendly experience across most fixed platforms and mobile devices.

User Authentication

In order to gain access to the ACES 1.5 web portal you will first need to create a username and password on the Aeronautical Source Packaging Service (ASPS) website hosted by Leidos. These credentials, once established, will grant you access to an unclassified subset of NGA's Aeronautical products via ACES 1.5, as well as Host Nation data through the ASPS website and Aero App, NGA's mobile flight application.

Creating Your Account

Visit ACES 1.5 or the ASPS web address below and then select **Request Account** to begin the process.

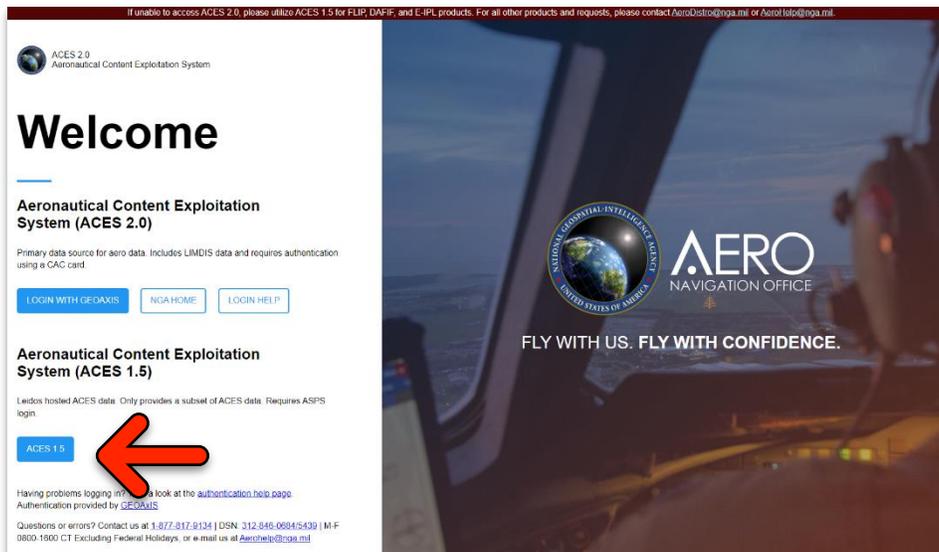
You can expect account approval within one business day, but please allow up to 72-hours for account creation when submitting requests outside of regular business hours, over the weekend, or during holidays.

ASPS Website: <https://asps.leidos.com>

Note: If you already have an ASPS account, you are good to go! If it has been **more than sixty days** since your last login, can contact customer support to have your **account unlocked**, 1-314-917-8958.



The next page will walk you through account creation!





1.a REQUESTING YOUR ASPS USER ACCOUNT

STEP 1: Navigate to the ACES 1.5 web portal via

the NGA ACES page at <https://aeronautical.nga.mil>

Aeronautical Content Exploitation System (ACES 2.0)

Primary data source for aero data. Includes LIMDIS data and requires authentication using a CAC card.

[LOGIN WITH GEOAXIS](#) [NGA HOME](#) [LOGIN HELP](#)

Aeronautical Content Exploitation System (ACES 1.5)

Leidos hosted ACES data. Only provides a subset of ACES data. Requires ASPS login.

[ACES 1.5](#)

STEP 2: Click on - “Request ASPS Account”.

AERO NAVIGATION OFFICE

U.S. AIR FORCE

Username:

Password:

[Request ASPS Account.](#)

[Forgot your password?](#)



1.a REQUESTING YOUR ACCOUNT CONTINUED

STEP 3: Fill out the required account information.

- Utilize your MILITARY or GOVERNMENT email address.
- Justification example: "FLIP access for AMC C-17 missions."

STEP 4: Click on - "Request ASPS Account" / "Request Account"

STEP 5: Confirmation Email

Once your account request has been reviewed and approved by NGA, you will receive a confirmation email with the following information:

- Account Confirmation
- Website access info

E-mail:

First Name:

Last Name:

Phone:

Organization:

*Gov't POC:

*Enter person other than yourself, i.e. your supervisor.

Justification



You can now access both
ACES 1.5 and ASPS!

SECTION 2 LOGGING IN TO ACES 1.5



The next page will walk you through logging in!

Visiting ACES 1.5

Using your device and one of the popular browsers mentioned above, simply visit the NGA ACES page at <https://aeronautical.nga.mil>.

Click the ACES 1.5 button to proceed to the ACES 1.5 web portal.

Enter your ASPS username / password on the ACES 1.5 login page.

If unable to access ACES 2.0, please utilize ACES 1.5 for FLIP, DAFIF, and E-IPL products. For all other products and requests, please contact AeroDistro@nga.mil or AeroHelp@nga.mil

ACES 2.0
Aeronautical Content Exploitation System

Welcome

Aeronautical Content Exploitation System (ACES 2.0)

Primary data source for aero data. Includes LIMDIS data and requires authentication using a CAC card.

[LOGIN WITH GEOAXIS](#) [NGA HOME](#) [LOGIN HELP](#)

Aeronautical Content Exploitation System (ACES 1.5)

Leidos hosted ACES data. Only provides a subset of ACES data. Requires ASPS login.

[ACES 1.5](#)

Having problems logging in? Take a look at the [authentication help page](#).
Authentication provided by [GEOAXIS](#)

Questions or errors? Contact us at [1-877-817-9134](tel:1-877-817-9134) | DSN [312-846-0684/5439](tel:312-846-0684) | M-F 0800-1600 CT Excluding Federal Holidays, or e-mail us at Aerohelp@nga.mil

 **AERO**
NAVIGATION OFFICE

FLY WITH US. FLY WITH CONFIDENCE.



2.a LOGGING IN TO THE ACES 1.5 WEBSITE

STEP 1: Navigate to the ACES 1.5 web portal via

the NGA ACES page – <https://aeronautical.nga.mil>
Click the ACES 1.5 button to proceed to the login page.

STEP 2: Enter your Email / Password credentials (ASPS Account)

U.S. AIR FORCE

NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY

AERO
NAVIGATION OFFICE

Username:

Password:

[Request ASPS Account.](#)

[Forgot your password?](#)



With access to your account email address, you can reset your password using the self-help link found below the Sign-In button.

Note: If you do not have access to your account email address, or are an existing user with a locked account, call 1-314-917-8958 for support.

STEP 3: Click “Sign-in” or press ENTER

A brief loading message will appear and you will then be brought to the ACES 1.5 landing page. Proceed to the next section to learn how to search and find the Aeronautical data and products you need.

SECTION 3 FINDING THE PRODUCTS YOU NEED

Simple - Clear - Streamlined

The ACES 1.5 User Interface offers a simple layout with clear and easy-to-understand user choices to make finding the data and products you need quick, and easy!

Important Notifications

Visible in the upper right of the screen you will find a “bell” icon which will bring up a display delivering important notifications and information on the status of Aero websites and products. Simply click the icon to expand the information, making all of the notices visible.



Searching for Products

Data and products on ACES 1.5 are broken down into three main categories which are represented by the menu bar items and tile buttons found on the landing page. The three data categories include DAFIF, FLIP/E-IPL DVD, and TERMINALS.



The next page will walk you through finding data in each category.



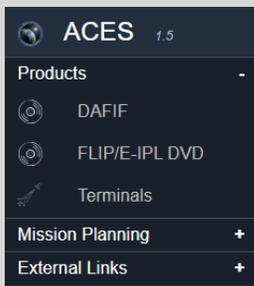
The FLIP/E-IPL DVD section offers 99% of Aeronautical Products!



3.a USING THE DAFIF SECTION

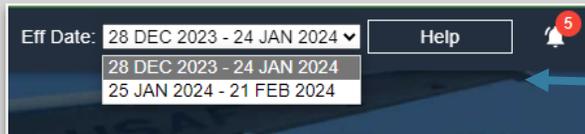
STEP 1: From the landing page, select “DAFIF” via the menu bar or the tile display.

Hover your mouse over the tile for a brief description of the category.



A digital navigation database containing global flight planning, airfield, enroute, and terminal data used by aircraft Flight Management Systems and Mission Planning Software.

STEP 2: Select “Effective Date” using the dropdown in the upper right of the window for either current cycle or next cycle as applicable.



NEXT CYCLE DATA IS AVAILABLE 5-10 DAYS PRIOR TO EFFECTIVE DATE FOR DAFIF. CLICK TO DOWNLOAD THE ZIP FILES!

Click to download products such as DAFIF 8.1, DAFIF 8.0, AVDAFIF, and MIDAFIF.



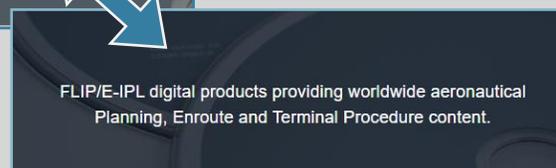
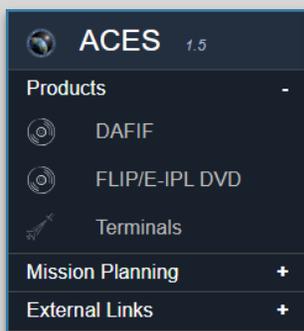
WHEN YOU SEE THIS CHECKMARK SYMBOL THROUGHOUT THE GUIDE YOU HAVE REACHED A STEP WHERE YOU CAN DOWNLOAD AERO PRODUCTS.



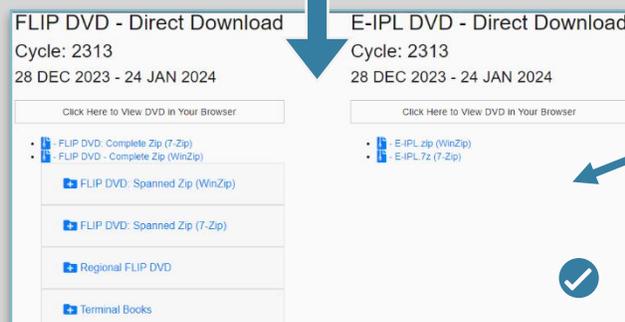
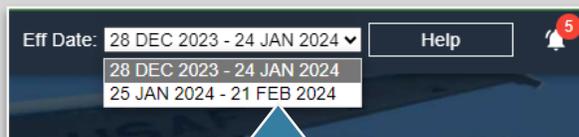
3.b USING THE FLIP/E-IPL DVD SECTION

STEP 1: Select “FLIP/E-IPL DVD” via the menu bar or tile display.

Hover your mouse over the tile for a brief description of the category.



STEP 2: Select “Effective Date” using the dropdown in the upper right of the window for either current cycle or next cycle as applicable.



NEXT CYCLE DATA IS AVAILABLE 5-10 DAYS PRIOR TO EFFECTIVE DATE FOR FLIP AND 5-7 DAYS PRIOR TO EFFECTIVE DATE FOR E-IPL CONTENT.

STEP 3: Proceed to interactive DVD in-browser or direct file downloads.

The following page will discuss the differences between these options.



3.c USING THE FLIP INTERACTIVE DVD

STEP 1: Click “View DVD in Your Browser” button to launch the viewer.

The FLIP DVD will launch in a new tab/browser.

FLIP DVD - Direct Download
Cycle: 2313
28 DEC 2023 - 24 JAN 2024
[Click Here to View DVD in Your Browser](#)

REMEMBER TO DOUBLE CHECK
THE CYCLE YOU HAVE
SELECTED TO ENSURE IT'S
WHAT YOU NEED.

STEP 2: Review the landing page to verify the current cycle.

The DVD home page will present a caution symbol and hover-over message if you have selected a Data Cycle out of the effective date.

DoD Flight Information Publications

Planning Documents
Enroute Supplements
Enroute Charts
Terminal Procedures

EFFECTIVE: 25 JAN 2024 (24025)
THRU: 21 FEB 2024 (24052) 

Consult NOTAMs for latest information

“EFFECTIVE DATES OUT OF DATE”
ICON, YOU’VE CHOSEN THE NEXT
DATA CYCLE FOR VIEW.

STEP 3: Proceed to the menu bar at the top to select a product.

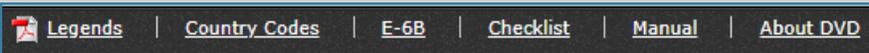
The following page will review the many product selection options.



3.c FLIP INTERACTIVE DVD CONTINUED

STEP 4: Select one of the following options from the menu bar.

Below are visuals of the menu bar as well as the more in-depth DVD manual options, which include: general info/legends, country codes, an E-6B, a user checklist, a user manual, and information about the DVD.



A. Home: Select “Home” to return to the main DVD landing page.

The menu bars will remain present as you navigate through the contents of the interactive DVD. Simply select a new button to view other content.



B. Introduction: Select “Introduction” to learn about the DVD.

This page will tell you about the contents, purpose, and objective of the NGA FLIP DVD product.

Features of the DVD include:

- User-friendly menus
- Terminal procedure search capabilities
 - By airfield identifier (name, partial name, FAA/host country, ICAO, and WAC/INNR for single or multiple airfields)
 - By US State
 - By country or FLIP theater
 - Geospatial
 - Minimum bounding rectangle
 - Full circle or ring around a center point
 - Sector of a full circle or ring around a center point
 - Either side of a track between two points
 - Common Route Definition (CRD)
 - Interactive map
 - Sortable search results
- Supplementary airfield information and terminal procedure legends
- Basic navigation tools
- Minimum equipment requirements (only a PC with a browser and Acrobat Reader - no web or network connection is required)
- Standard installation on an available network for access by all users



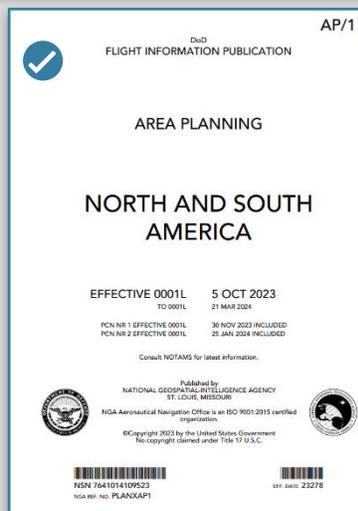
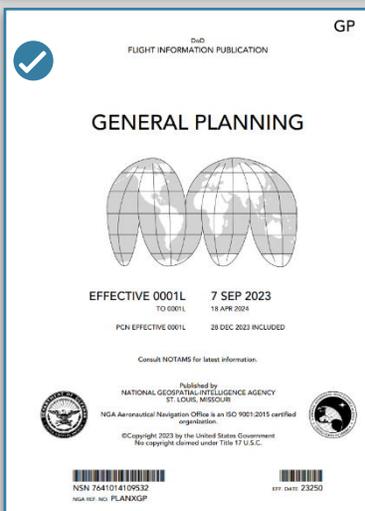
3.c FLIP INTERACTIVE DVD CONTINUED

Home Introduction **Planning Documents** Enroute Supplements Enroute Charts Terminal Procedures / Airfield Information Canadian FLIP

C. Planning Documents: Select “Planning Documents” to directly view products such as General Planning, AP1, AP2, etc.

Clicking the bold, underlined product title will launch a PDF of that product in a new tab/browser. From there you can utilize your PDF viewer tools to read through the content, or save the product to your device.

	Effective	Description	
<u>GP</u>	(5.00 MB) 28 DEC 2023 thru 17 APR 2024	General Planning	<input checked="" type="checkbox"/>
<u>AP1</u>	(7.89 MB) 25 JAN 2024 thru 20 MAR 2024	North and South America	
<u>AP1A</u>	(5.12 MB) 25 JAN 2024 thru 20 MAR 2024	North and South America - Special Use Airspace	
<u>AP1B</u>	(10.62 MB) 25 JAN 2024 thru 20 MAR 2024	North and South America - Military Training Routes	
<u>AP1B</u>		North and South America - Military Training Route Charts	
<u>AP2</u>	(10.34 MB) 28 DEC 2023 thru 21 FEB 2024	Europe, Africa, and Middle East	



 
WHEN YOU SEE THIS CHECKMARK SYMBOL THROUGHOUT THE GUIDE YOU HAVE REACHED A STEP WHERE YOU CAN DOWNLOAD AERO PRODUCTS.



3.c FLIP INTERACTIVE DVD CONTINUED

Home Introduction Planning Documents **Enroute Supplements** Enroute Charts Terminal Procedures / Airfield Information Canadian FLIP

D. Enroute Supplements: Click on “Enroute Supplements” to view the planning supplement for each area of operations.

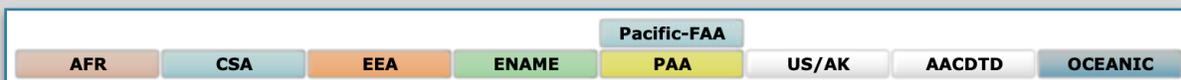
Click the PDF icon or the colored AOR button to launch the PDF in a new tab or browser. Download items as previously described above.

	Effective	Description	
	AFR (13.88 MB) 25 JAN 2024 thru 21 FEB 2024	Africa	
	ALASKA (24.71 MB) 25 JAN 2024 thru 20 MAR 2024	Chart Supplement Alaska - FAA	
	CSA (10.47 MB) 25 JAN 2024 thru 20 MAR 2024	Caribbean and South America	
	EEA (4.53 MB) 28 DEC 2023 thru 21 FEB 2024	Eastern Europe and Asia	
	ENAME (15.68 MB) 25 JAN 2024 thru 21 FEB 2024	Europe, North Africa, and Middle East	
	PAA (13.59 MB) 25 JAN 2024 thru 20 MAR 2024	Pacific, Australasia, and Antarctica	
	PACIFIC (47.63 MB) 25 JAN 2024 thru 20 MAR 2024	Chart Supplement Pacific - FAA	
	USIFR (10.28 MB) 25 JAN 2024 thru 20 MAR 2024	United States - IFR	
	USVFR (4.38 MB) 25 JAN 2024 thru 17 APR 2024	United States - VFR	
	ECN	Enroute Change Notices	

Home Introduction Planning Documents Enroute Supplements **Enroute Charts** Terminal Procedures / Airfield Information Canadian FLIP

E. Enroute Charts: Click on “Enroute Charts” to view individual chart products broken down by theater.

First select your desired data region, and then view the associated coverage area map to determine which chart product you need.





3.c FLIP INTERACTIVE DVD CONTINUED

E. Enroute Charts Continued: Select a data region, and the specific chart.

The data region color codes correspond with hard copy FLIP products.

United States and Alaska Effective: 25 JAN 2024 thru 20 MAR 2024

	H-01	(3.29 MB)
	H-02	(4.37 MB)
	H-03	(3.18 MB)
	H-04	(6.87 MB)
	H-05	(2.78 MB)
	H-06	(2.22 MB)
	H-07	(4.83 MB)
	H-08	(6.07 MB)
	H-09	(3.69 MB)
	H-10	(5.50 MB)
	H-11	(6.51 MB)
	H-12	(7.29 MB)
	AK H-01	(11.94 MB)
	AK H-02	(8.51 MB)
	A-01	(5.86 MB)
	A-02	(4.01 MB)

F. Terminal Procedures / Airfield Information: Select this option to view extensive, global terminal and airfield information.

First determine how you would like to search for your airfield. Country/State allows you to select both from a drop-down list, or simply click on the colored data region, and then click on the country or state where the airfield is located. Also search by identifier, LAT/LONG, an interactive map, and CRD file.

Search by:	Country/State	Identifier	Geospatial	Map	Common Route Definition
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3.c FLIP INTERACTIVE DVD CONTINUED

F. Term Proc / Airfield Info Continued: With your airfield selected, cycle through the various tabs for terminal data and aeronautical products.

Selecting “Terminal Procedures” will open a drop-down listing all of the procedures available at that airfield. Simply click the PDF icon or underlined procedure name to launch/view the product in another tab or browser.

76 results found (0.03 seconds) Oklahoma

Ident	Airfield Name <small>City / CC/ST</small>	Afid Type	Latitude Longitude <small>IFR Charts</small>	Elevation	Rwy Length Rwy Width Rwy Surface	ILS	RADAR	Lighting	Helipad
KADH	ADA RGNL Ada, OK	CIV	34° 48.26' N 96° 40.27' W US H-6H,L-17C	1016	6203 100 Permanent				<input checked="" type="checkbox"/>
KLTS	ALTUS AFB Altus, OK	MIL	34° 40.08' N 99° 16.07' W US H-6H,L-17B	1382	13440 150 Permanent	<input checked="" type="checkbox"/>		L	

General | IFR Charts | Terminal Procedures | Communications | Nav aids | Runways / Helipads | Remarks

Alternate Name: None UTM Grid Location: 14SMD7546936256
ICAO: KLTS Magnetic Variation: 4.28° E
FAA/Host Country Ident: LTS Time Conversion: UTC-6(-SDT)
WAC/INNR: 0407-00008

General | IFR Charts | **Terminal Procedures** | Communications | Nav aids | Runways / Helipads | Remarks

IFR

- [ALTUS AFB HOT SPOTS - HOT](#) (20.66 KB)
- [ALTUS AFB IFR TKOFF - MIN](#) (18.08 KB)
- [ILS OR LOC RWY 18L](#) - IAP (116.38 KB)
- [ILS OR LOC RWY 36R](#) - IAP (128.99 KB)
- [ILS OR RNAV GPS Y RWY 18R](#) - IAP (73.98 KB)
- [ILS OR RNAV GPS Y RWY 36L](#) - IAP (78.10 KB)
- [ILS Z OR LOC RWY 18R](#) - IAP (122.02 KB)
- [ILS Z OR LOC RWY 36L](#) - IAP (125.12 KB)
- [KLTS ARPT DIA](#) - APD (51.69 KB)
- [OKKIE DEP RNAV](#) - DEP (89.09 KB)
- [RNAV GPS A](#) - IAP (50.00 KB)
- [RNAV GPS B](#) - IAP (48.14 KB)



3.c FLIP INTERACTIVE DVD CONTINUED

Home Introduction Planning Documents Enroute Supplements Enroute Charts Terminal Procedures / Airfield Information **Canadian FLIP**

G. Canadian FLIP: Click on “Canadian FLIP” to access our partner’s data and products in the familiar, previously reviewed format.

Planning Documents		Supplements	Enroute Charts	Instrument Procedures	
		Effective	Description		
	<u>DAH</u> (5.94 MB)	25 JAN 2024 thru 20 MAR 2024	Designated Airspace Handbook		
	<u>Flight Planning</u> (9.87 MB)	30 NOV 2023 thru 20 MAR 2024	Canada and North Atlantic Flight Planning		
	<u>Glossary</u> (2.67 MB)	20 APR 2023 thru 20 MAR 2024	Glossary for Pilots and ATS Personnel		



3.d USING THE E-IPL INTERACTIVE DVD

STEP 1: Click “View DVD in Your browser” to launch the viewer.

The E-IPL DVD will launch in a new tab/browser.

E-IPL DVD - Direct Download
Cycle: 2313
28 DEC 2023 - 24 JAN 2024

[Click Here to View DVD in Your Browser](#)

**REMEMBER TO DOUBLE CHECK
THE CYCLE YOU HAVE SELECTED
TO ENSURE IT'S WHAT YOU NEED.**

STEP 2: Select a Theater to open the country selection page.

The country selection page offers multiple search tools to find your destination’s E-IPL procedures: country selection, or the map tool.

Electronic Instrument Procedure Library (E-IPL) DVD

Theaters Included:

- Africa
- Canada & North Atlantic
- Caribbean & South America
- Eastern Europe & Asia
- Europe, North Africa, & Middle East
- Pacific, Australasia, & Antarctica

EFFECTIVE: 28 DEC 2023 (23362)
THRU: 24 JAN 2024 (24024)



3.d E-IPL INTERACTIVE DVD CONTINUED

STEP 3: Select your destination country to open the results page.

All countries with E-IPL procedures will be listed on the left...select a country from the list, or use the map tool on the right to select your destination.

RETURN TO HOME SCREEN - SELECT ANOTHER THEATER - OR SELECT A COUNTRY

The screenshot shows the 'Country Search' page. At the top, there are navigation tabs for different regions: AFR (Africa), CNA (Central America), CSA (Central South America), EEA (Europe), ENAME (North America), and PAA (Panama). Below the tabs, the 'Africa' section is active, displaying a list of 33 African countries with their respective ICAO codes. To the right of the list is a map of Africa with country borders and ICAO codes labeled on it. A callout box with arrows points to the navigation tabs, the list of countries, and the map.

Country (Code)	Country (Code)	Country (Code)
Angola (AO)	Gabon (GA)	Nigeria (NG)
Benin (BJ)	Gambia, The (GM)	Reunion (RE)
Botswana (BW)	Ghana (GH)	Rwanda (RW)
Burkina Faso (BF)	Guinea (GN)	Sao Tome & Principe (ST)
Cabo Verde (CV)	Guinea-Bissau (GW)	Senegal (SN)
Cameroon (CM)	Kenya (KE)	Seychelles (SC)
Central African Republic (CF)	Liberia (LR)	Sierra Leone (SL)
Chad (TD)	Madagascar (MG)	South Africa (ZA)
Comoros (KM)	Malawi (MW)	St. Helena & Ascension Island (SH)
Congo (CG)	Mali (ML)	Sudan (SD)
Congo (Dem. Republic of The)-(Zaire) (CD)	Mauritania (MR)	Tanzania, United Rep. of (TZ)
Cote d'Ivoire (CI)	Mayotte (YT)	Togo (TG)
Equatorial Guinea (GQ)	Mozambique (MZ)	Uganda (UG)
Eritrea (ER)	Namibia (NA)	Zambia (ZM)
Eswatini (SZ)	Niger (NE)	Zimbabwe (ZW)
Ethiopia (ET)		

STEP 4: Select your destination airfield and desired E-IPL procedure.

The screenshot shows the 'Terminal Procedures' page for South Africa. It displays 18 results. The first result is for FAAB (ALEXANDER BAY) in South Africa (ZA), with a CIV airfield type and 2 procedures. A red arrow points to the 'VOR-A RWY 01' procedure name. Below it is 'VOR-B RWY 19'. Other results include FABL (BRAM FISCHER INTL) and FACT (CAPE TOWN INTL).

Ident	Airfield Name	Country (Code)	Airfield Type	Procedures
FAAB	ALEXANDER BAY	South Africa (ZA)	CIV	2
Procedure Name				
	VOR-A RWY 01			
	VOR-B RWY 19			
FABL	BRAM FISCHER INTL	South Africa (ZA)	CIV/MIL	2
FACT	CAPE TOWN INTL	South Africa (ZA)	CIV	10



3.e FLIP/E-IPL DVD DOWNLOADS

You can directly download “Zipped” DVD files by selecting the links below the Interactive DVD buttons.

Select complete FLIP DVD or E-IPL DVD content in WinZip or 7-Zip file format via the first two links.

Additional FLIP downloads, such as the FLIP DVD split into smaller files, Regional FLIP DVD files, FLIP Terminal Books, and occasional test charts, are available by expanding folder icons with a “plus” (+) sign for download.

FLIP DVD - Direct Download	E-IPL DVD - Direct Download
Cycle: 2412 28 NOV 2024 - 25 DEC 2024	Cycle: 2412 28 NOV 2024 - 25 DEC 2024
Click Here to View DVD in Your Browser	Click Here to View DVD in Your Browser
<ul style="list-style-type: none">• - FLIP DVD: Complete Zip (7-Zip) ✓• - FLIP DVD: Complete Zip (WinZip) ✓	<ul style="list-style-type: none">• - E-IPL.zip (WinZip) ✓• - E-IPL.7z (7-Zip)
<ul style="list-style-type: none">+ FLIP DVD: Spanned Zip (WinZip)+ FLIP DVD: Spanned Zip (7-Zip)+ Regional FLIP DVD+ Terminal Books+ Rescaled Charts - Test Product	

SELECT THE ENTIRE DVD OR EXPAND THE FOLDERS TO CHOOSE INDIVIDUAL FILES FOR DOWNLOAD.

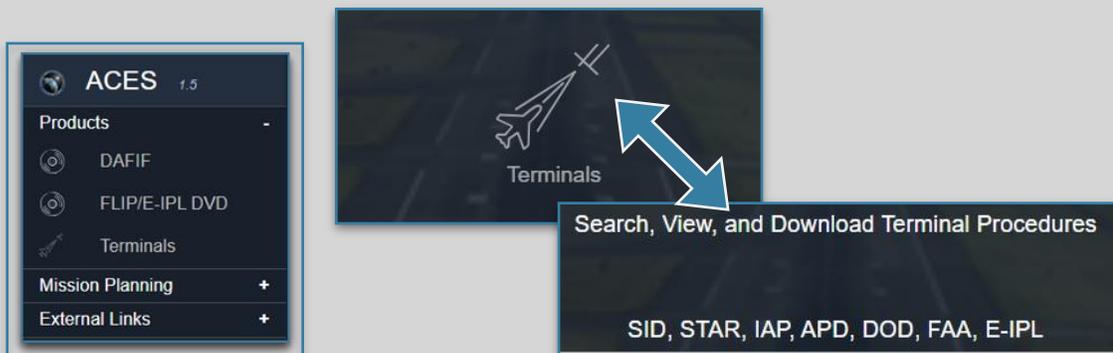
Note: Each “split” file is an individual portion of the FLIP DVD...all files must reside in the same folder in order for the interactive DVD to work as intended.



3.f SEARCH USING THE TERMINALS SECTION

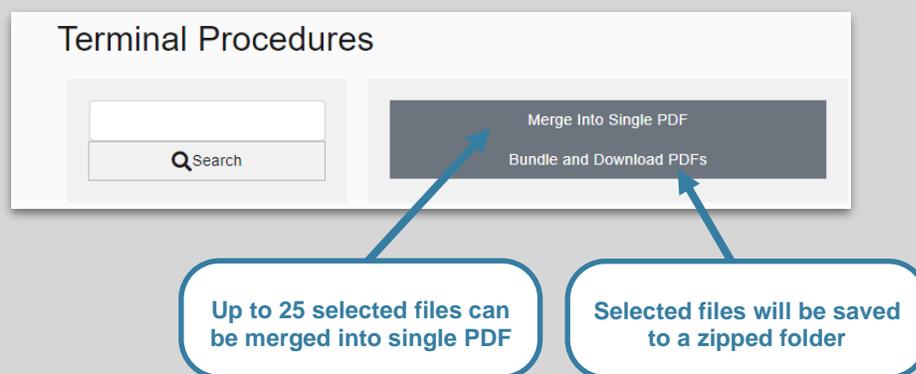
STEP 1: Click on “Terminals” via the menu bar or tile display.

This category also functions like the FLIP/E-IPL category, but is designed towards searching for specific airfields and their associated procedures, and then merging or bundling PDF product outputs as desired.



STEP 2: Enter the airfield identifier in the Terminal search bar.

Hover over the search bar, merge, and bundle buttons to reveal accepted formats for an airfield search, merge up to 25 files into a single PDF, and selected files will be placed into a zipped folder.

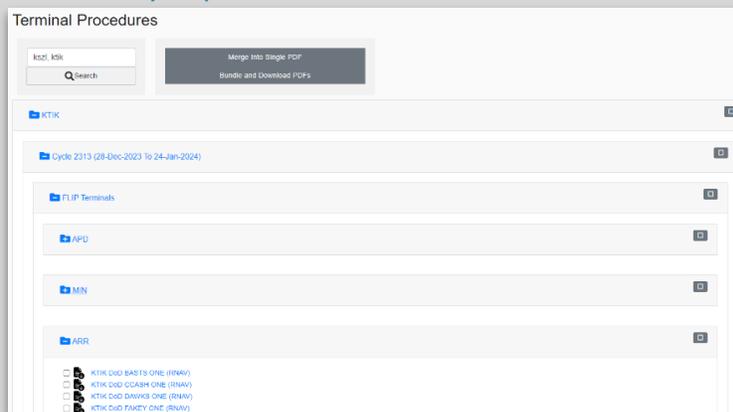




3.f USING TERMINALS CONTINUED

STEP 3: Refine your search results using the expand and select tools.

Searching multiple fields at once will populate all available cycle data for those fields automatically expanded to minimize the number of required clicks.



STEP 4: Select desired products using the selector tools on the right.

Check higher level folders to select all content within, or select individual products using the check-boxes on the left. Click the procedure name for a quick-view and open the product in a new window, or select the “quick-save” button to quickly download the product to your device.





3.f BUNDLE/MERGE USING TERMINALS

STEP 5: Merge selected products into a single PDF file.

Selecting the “Merge into Single PDF” button to the right of the search bar will combine your selected products into a single PDF document which will open in the window below for review. From there you can download the zipped file, open the file in a new tab, or return to your search results.

Terminal Procedures

kszl, ktik

Search

Merge Into Single PDF

Bundle and Download PDFs

Back To Search Results

Merge Into Single PDF

Bundle and Download PDFs

Open In New Tab

Download Zipped File

9102849.pdf

3 / 4 110%

OKLAHOMA CITY, OKLAHOMA		21336	
LOC - I-FRI	APCH CRS	Rwy Idg	11,100
111.3	177 *	TDZE	1267
		Dist Elev	1291
* When ALS inop, increase CAT CDE RWY to 55 and vis to 1 mile.		AL-299 [USAF]	
** CAT 5 circling NA in sector S of Rwy 13-31 and W of RWY 18. Circling NA to Rwy 18.		TINKER AFB (KTIK)	
ATIS *	OKE CITY APP CON	TOWER	MISSED APPROACH: Climb to 4000 on TRK TACAN R-179 to NDDE and hold.
270.1	124.2 336.4	124.45 251.05	121.8 275.8 119.7 335.8 ASR

STEP 6: Bundle and download selected products onto your device.

Selecting the “Bundle and Download PDFs” button to the right of the search bar will download the files directly to your device’s hard drive.

File Home Share View

< > > This PC > Downloads > 9103424 > KTIK > 2313 > FLIP > IAP

Name	Date modified	Type	Size
KTIK DoD HI ILS OR LOCDME Y RWY 18.pdf	11/3/2021 8:36 AM	Adobe Acrobat D...	109 KB
KTIK DoD HI ILS OR LOCDME Y RWY 36.pdf	11/3/2021 8:38 AM	Adobe Acrobat D...	101 KB
KTIK DoD HI TACAN Y RWY 36.pdf	11/3/2021 8:44 AM	Adobe Acrobat D...	94 KB
KTIK DoD ILS LOCDME Z RWY 36.pdf	7/19/2021 6:33 AM	Adobe Acrobat D...	97 KB

SECTION 4

CUSTOMER SUPPORT

The Aeronautical Help Desk

The Aero Help Desk is staffed by a single Aeronautical Analyst, **Monday through Friday, from 0800 - 1600 CT**. Outside of those hours, calls are directed to NGA's 24/7 Operations Center, staffed by Intelligence Officers whose primary specialty is not Aeronautical Analysis. Ops Center personnel will be able to provide you with emergency contact information should you have a Safety of Flight concern requiring immediate attention.

Aero Help Desk Contact Information:

Monday through Friday, from 0800-1600 CT.

Phone: Toll Free 1-877-817-9134, Comm 1-314-676-0684, DSN 312-846-0684

Email: AeroHelp@nga.mil

ACES 1.5/ASPS Account Support

Assistance with existing ASPS/ACES 1.5 accounts is available 24/7 by calling the number below. Normal business hours are 0700 - 1400 CT, and any calls received outside of that time window will be forwarded to an on-call analyst. Self-service password reset and official email address change request options are also available on both the ASPS and ACES 1.5 web portals.

ASPS/ACES 1.5 Account Support Information:

Monday through Friday, 0700 - 1400 CT; after-hours calls will be forwarded to an on-call analyst.

Phone: Comm 1-314-917-8958

Website and Dissemination Program Feedback

It's our goal to make NGA AERO's data and products easier than ever for you to access, and to make that data valuable to you. Your feedback drives the changes we make to our products and data delivery tools. Help us to improve NGA's offerings for the War-Fighter by sending feedback directly to the Mission Managers.

Aero Dissemination Feedback: AeroDistro@nga.mil

FLY WITH US. FLY WITH CONFIDENCE.

