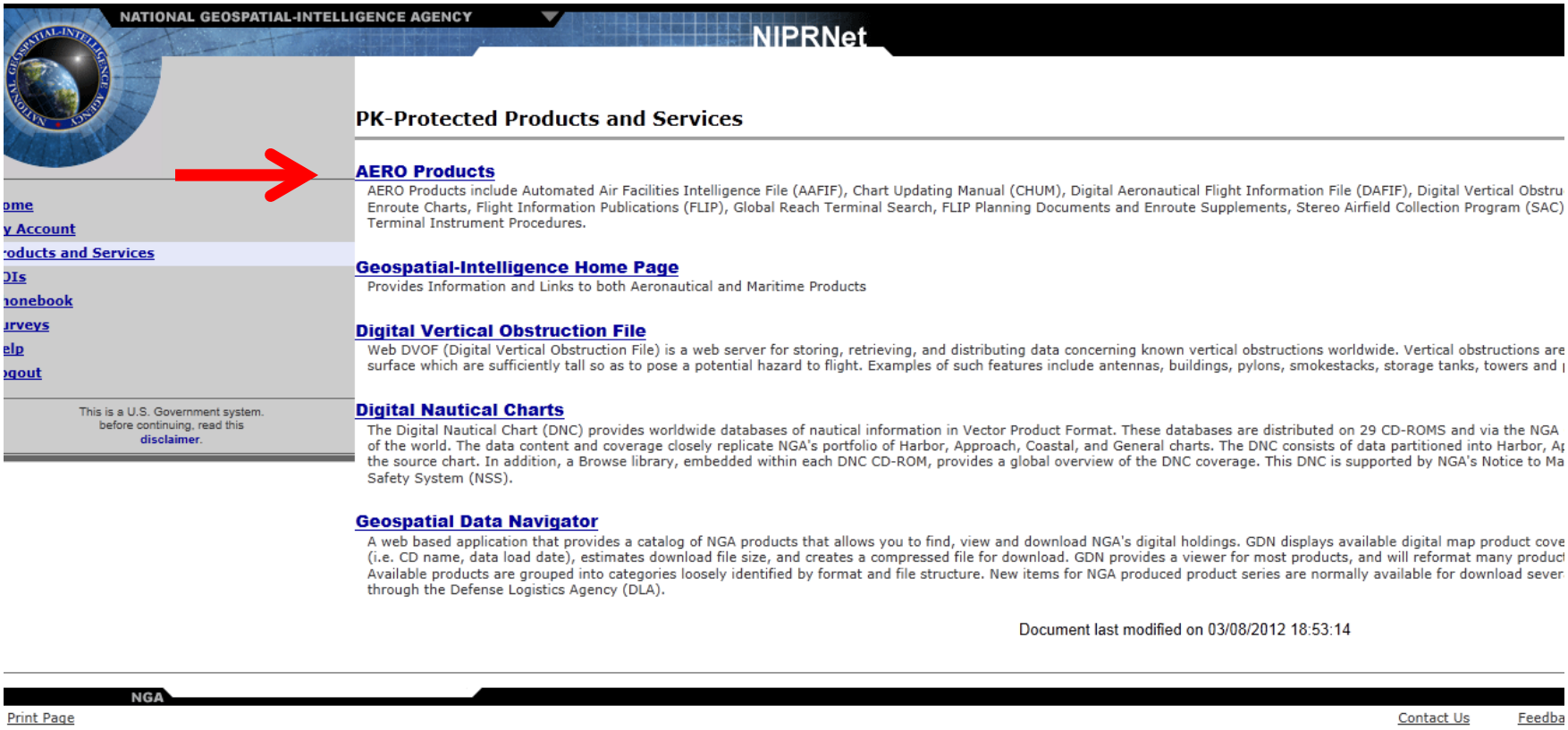
# FLIPS on iPads

1. Get a CAC card Reader (and figure out how to get on PKI websites – check Militarycac.com)
2. Get an NGA account
3. Follow these basic instructions and enjoy

Information current on 08Mar12

# Click “Aero Products”



# Click “Aerospatial Services”

UNCLASSIFIED

NGA
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY

Know the Earth... Show the Way... Understand the World

NIPRNe

NGA

**Aero Products:**
AAFIF
CHUM
DAFIF
DVOF
eCHUM
Aerospatial
Services
Electronic Flight
Bag
FLIP
Late/Missing FLIP
Plan & Enroute
SAC
TAGGS
Terminal
FAQ

## Aeronautical Products:

Top

**Aerospatial Services:**
Aerospatial provides enhanced web technology for users to access multiple geospatial intelligence and aeronautical information databases and to "package" the information into user-specified formats. This capability provides access to data that comprises the many NGA aeronautical products and crosses over the traditional lines of AAFIF, DAFIF, FLIP, or Intel Imagery and makes all available as needed, with just a few clicks of the mouse. By using different options presented, users can create either a large package of relevant data or a small and very specific package, all in PDF format. The final printing format can be customized to a 5" x 7" kneeboard size or a full page 8½" x 11" size.

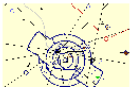
Top

**Automated Air Facilities Intelligence File (AAFIF):**
A text file which contains evaluated information on aircraft movement surfaces (runways, taxiways, aprons, etc.), facilities, support equipment, services, operations, navaids/communications, transportation and other items for approximately 47,000 airfields worldwide. Information.

Top

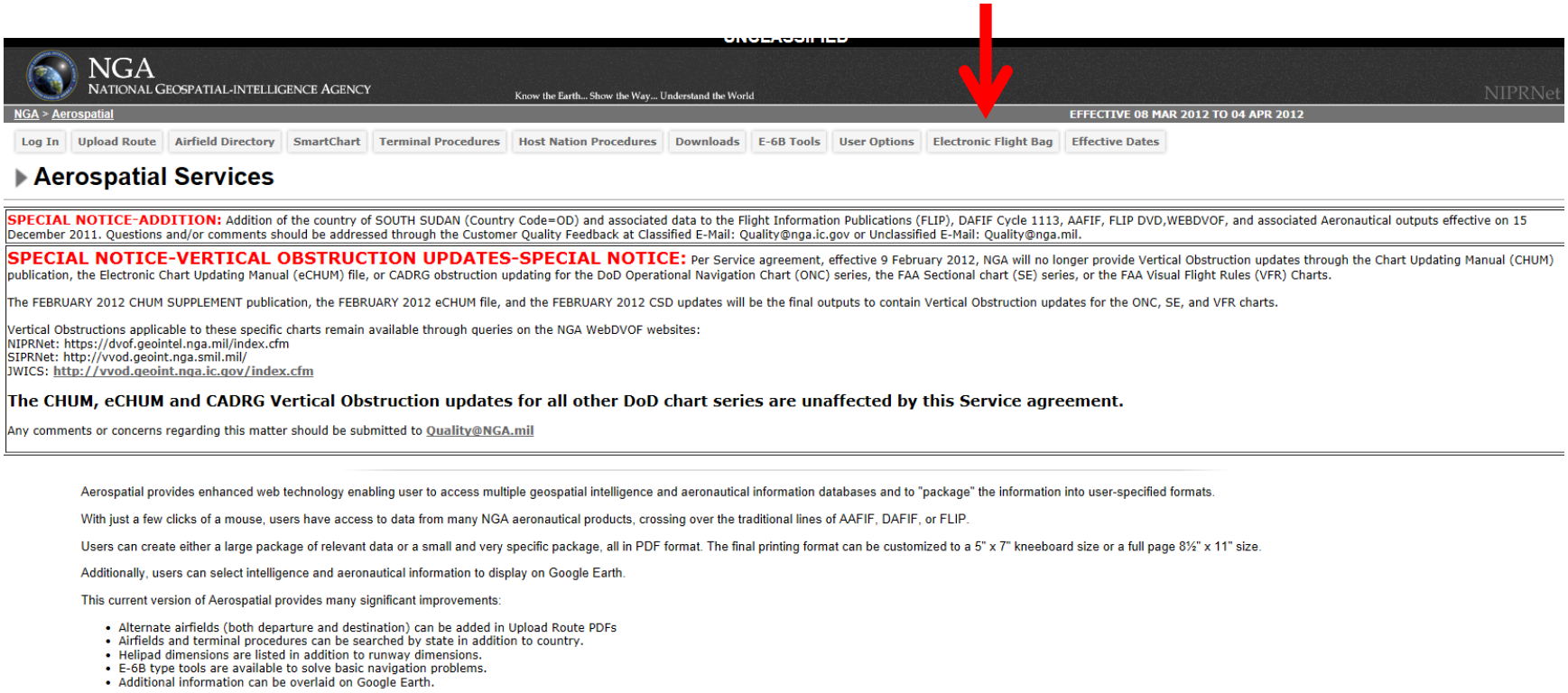
**Chart Updating Manual (CHUM):**
Hard copy CHUM semi-annual manual and supplement publications in compressed .pdf format. Enables customers the ability to keep charts current based on known aeronautical changes which have occurred since the original publication.

Top

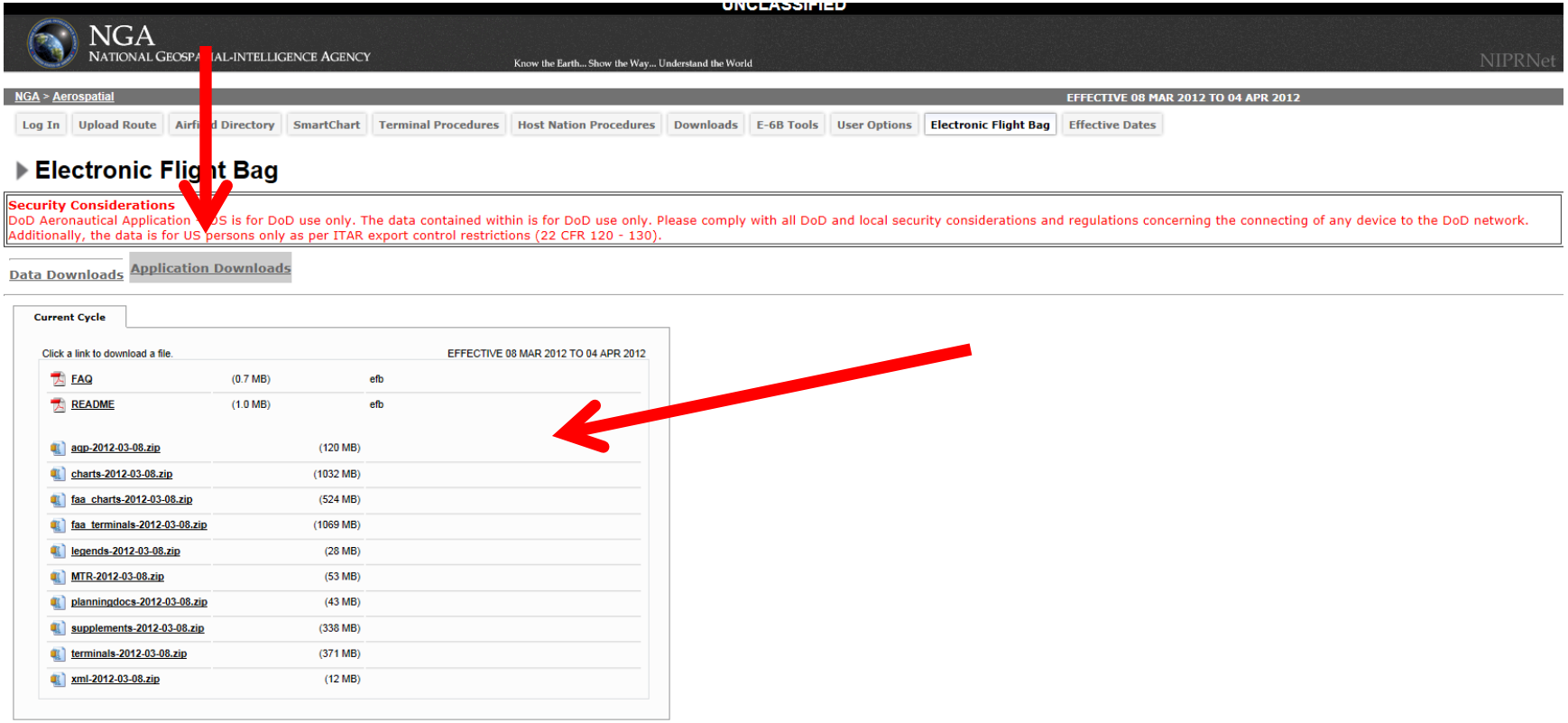


**Digital Aeronautical Flight Information File (DAFIF™):**
or Flight Data (DAFIF™)
(U) Consists of Airports, Heliports, Navigation Aids, Waypoints, ATS Routes, Airspaces Boundaries, Special Use Airspace, Military Training Routes, Parachute Jump Areas and Preferred Routes. DAFIF is used for flight planning and the programming of automated aircraft Flight Management Systems. The DAFIF product is presented on the website in its entirety. Information

# Click “Electronic Flight Bag”



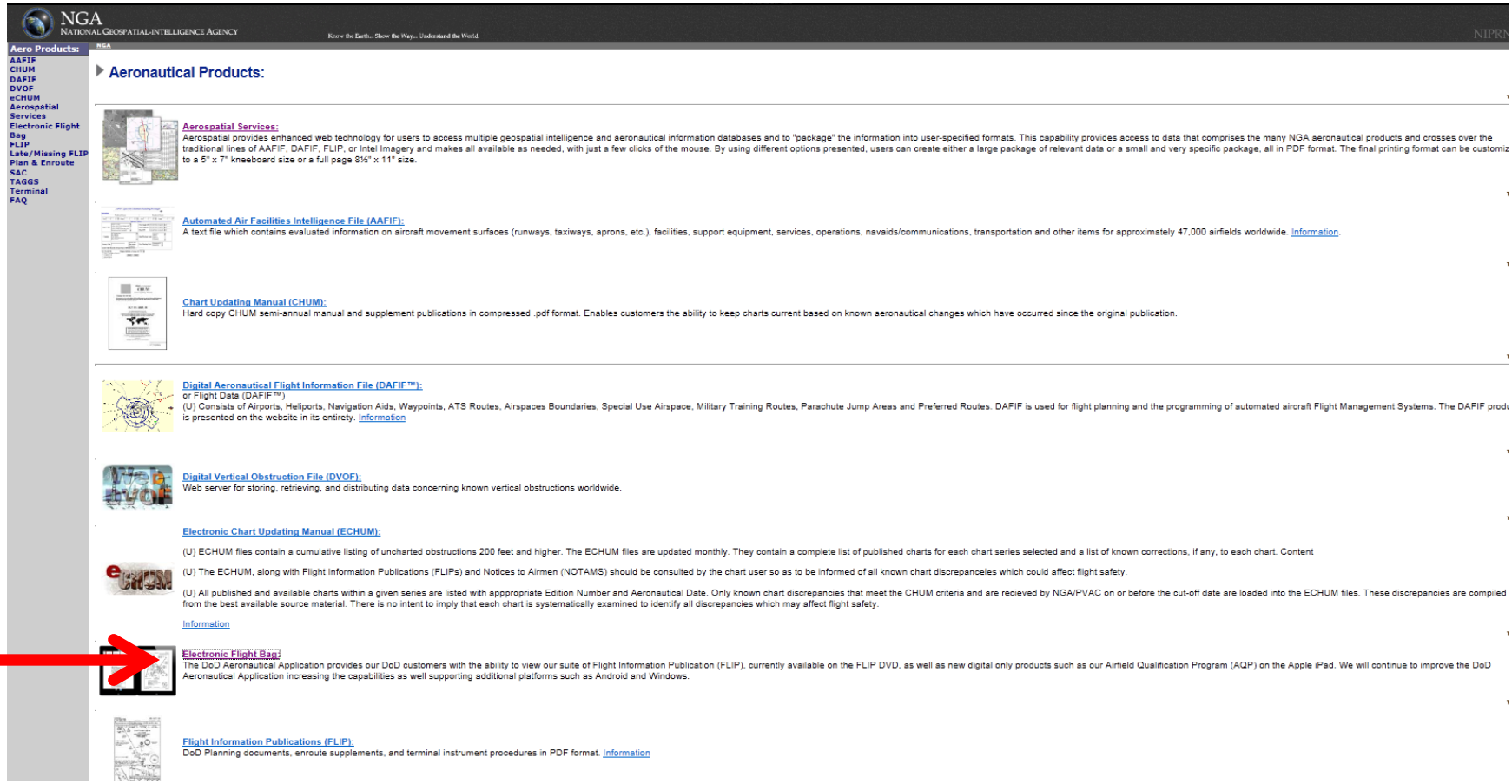
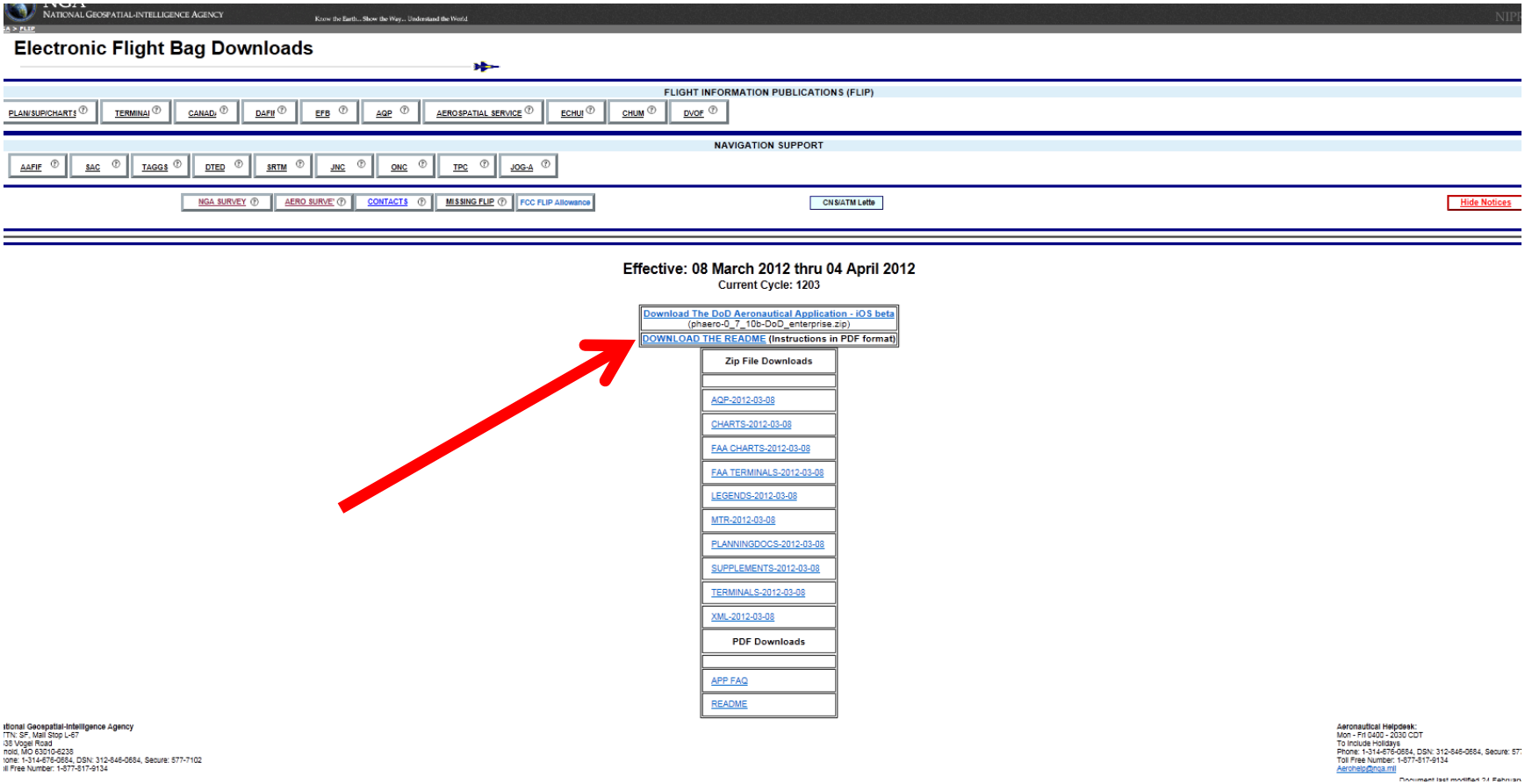
1. Get the “App” in Application Downloads
2. Download and Open the README and FAQ – these will tell you how to load the program and data through iTunes
3. Download the data
4. Load everything by following the instructions and you have got your FLIP collection



# The rest of the NGA website has…

- Downloads for DAFIF and eCHUM
- PDFs of every FLIP one can imagine
- Charts and imagery for Falconview
- Talonview (Falconview Lite)
- Airfield data
- DVOF – eCHUM on crack
- Digital Nautical Charts – for all the USNA grads who want to drive boats and know where they are
- All sorts of other stuff to fill your Friday night dance card

# Alternate path…



# Get the App and Data, Read the README and FAQ