

Filing ICAO Flight Plans

A Tutorial on Upcoming FAA Requirements

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Antarctic Cirlce (66° 33



Background



 The FAA has agreed to begin using the ICAO flight plan forms in place of the traditional FAA flight plan

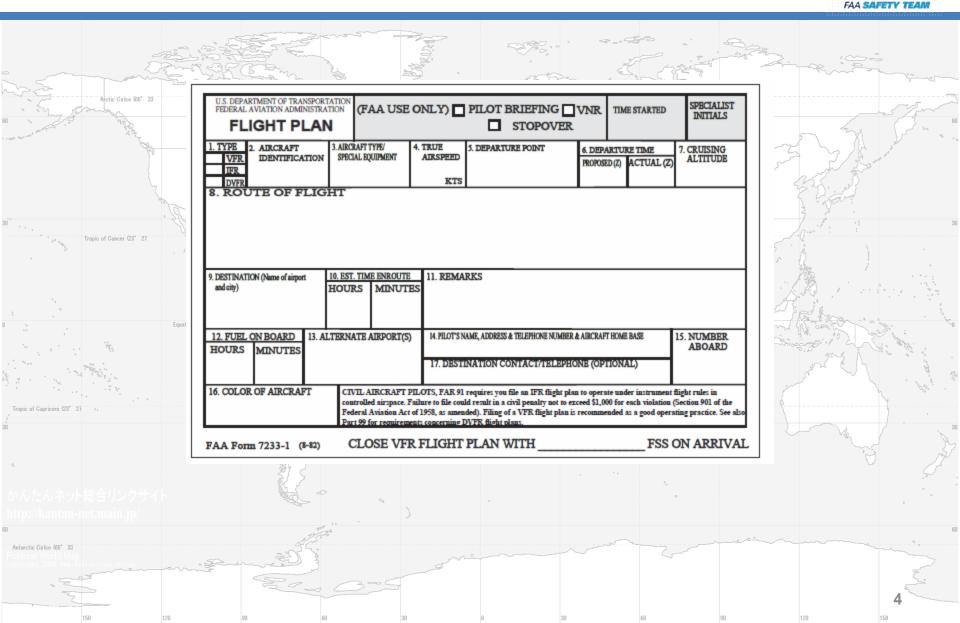
- International Standard
 - Like having "English Proficient" on your certificate

Information



 The information is generally the same - Different place - Different order The aircraft information is the same for most flights in the same aircraft Once you file the first one, subsequent ones will be easy

Current Flight Plan



ICAO Flight Plan



	Form Approved OMB No. 2120-0023	
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Tropic of Capricorn (23° 27	SUPPLEMENTARY INFORMATION (NOT TO BE TRANSMITTED IN FPL MESSAGES) EMERGENCY RADIO 19 ENDURANCE EMERGENCY RADIO HR MIN PERSONS ON BOARD UHF VHF ELBA R/ Image: Comparison of the second of the	
かんたんネット総合リンクサイト http://kantan-net.main.jp/ Antarctic Girlee (66° 33 Political World Map copyright 2004-m. fablovisent in.cog	A/ ARCRAFT COLOR AND MARKINGS A/ N / REMARKS <= PILOT-IN-COMMAND C/ FILED BY ACCEPTED BY ACCEPTED BY ACCEPTED BY ACCEPTED BY ACCEPTED BY	· · · · · · · · · · · · · · · · · · ·
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General Instructions



- General
 - Use BLOCK CAPITALS when completing each item.
 - Adhere closely to the prescribed formats and manner of specifying data.
 - Begin inserting data in the first space provided.
 - Where excess space is available, leave unused spaces blank.
 - Insert all clock times in 4 figures UTC.
 - Insert all estimated elapsed times in 4 figures (hours and minutes).
 - Shaded area preceding Item 3 is to be completed by FAA unless the responsibility for originating flight plan messages has been delegated.
- NOTE
 - The term "aerodrome" where used in the flight plan is intended to cover also sites other than aerodromes which may be used by certain types of aircraft; e.g., helicopters or balloons.

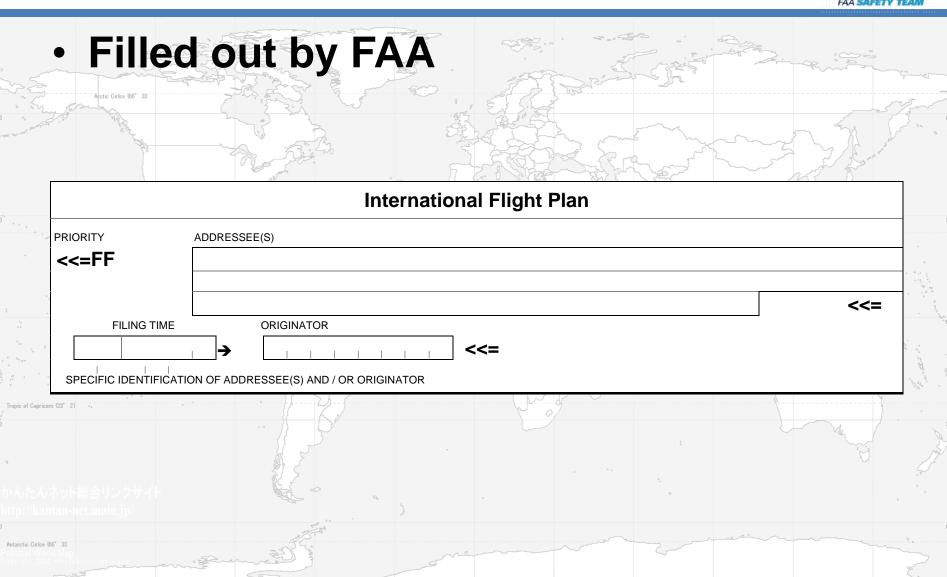
Main Flight Plan



- Complete Items 3 to 19
 - Aircraft ID
 - Departure and arrival airports
 - Flight Rules (VFR / IFR)
 - Route
 - En route time
 - Cruising speed and altitude
 - Equipment
 - Complete Item 19 (Supplementary Information) when required or when otherwise deemed necessary.
- Item numbers on the form are not consecutive, as they correspond to Field Type numbers in ATS messages.

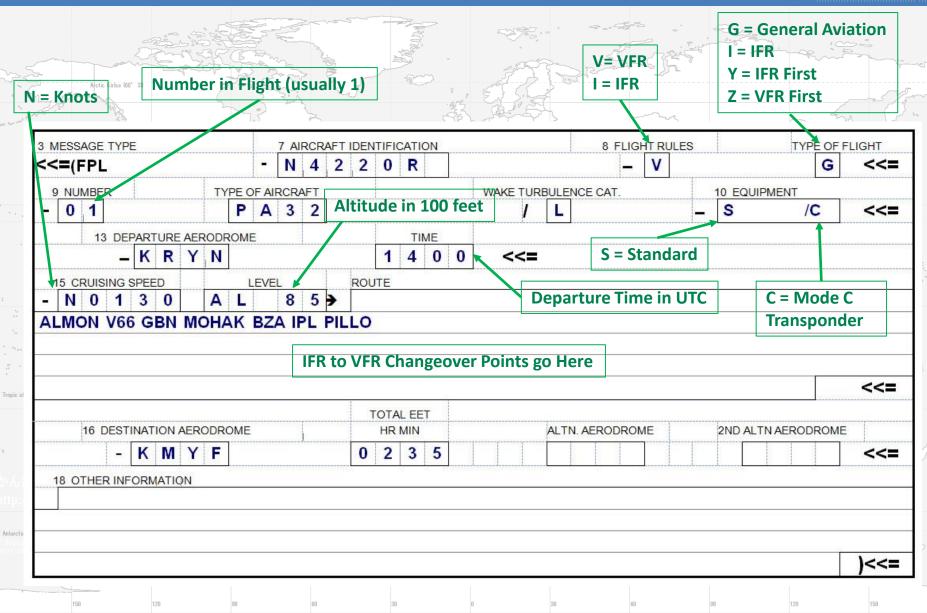
Top of Form





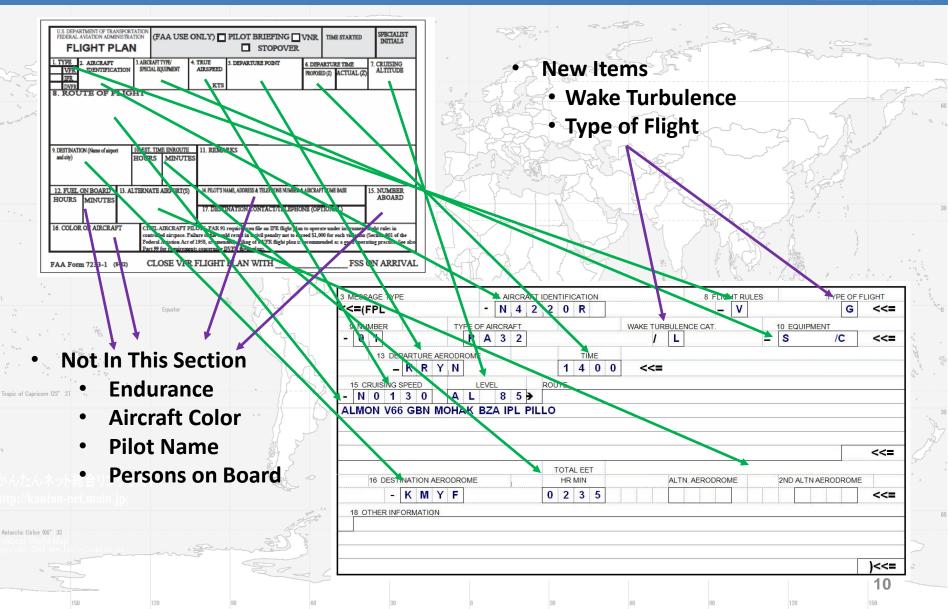
Items 3 through 18





Old to New





Bottom Section Item 19

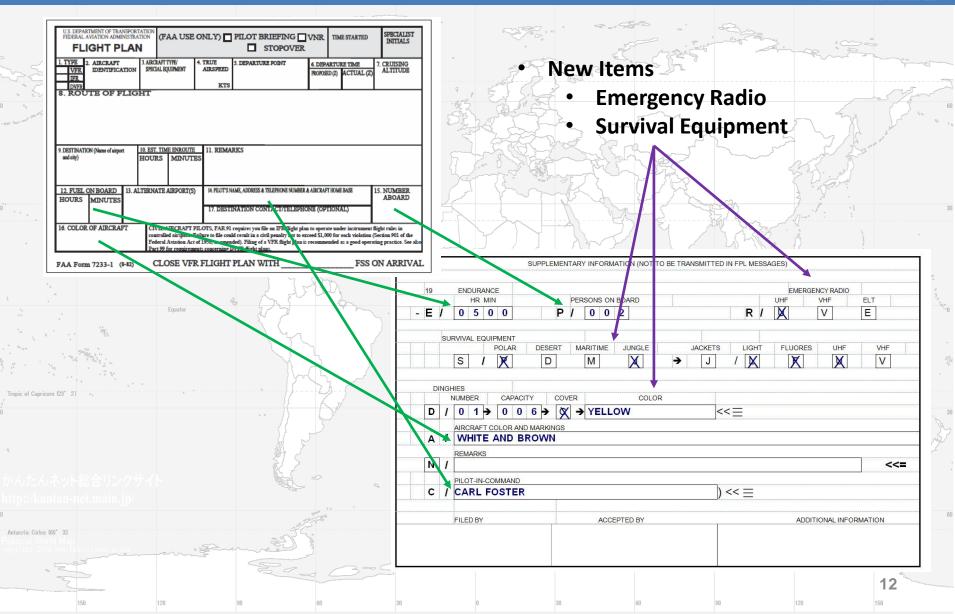
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Old to New Part 2





Item 8 – Flight Rules

 \bullet I = IFR



V = VFR Y = IFR first)* Z = VFR first)* *If indicating either Y or Z, specify in Item 15 the point or points where a change of flight rules is planned.

Type of Flight



- Note: Type of flight is optional for flights that will be conducted entirely within U.S. domestic airspace.
- S = scheduled Air Transport
- N = non-scheduled air transport
- G = general aviation
- M = military
- X = other than any of the defined categories above

Wake Turbulence Category



- H = HEAVY, to indicate an aircraft type with a maximum certificated take-off mass of 136,000 kg or more;
- M = MEDIUM, to indicate an aircraft type with a maximum certificated takeoff mass of less than 136,000 kg but more than 7,000 kg;
- L = LIGHT, to indicate an aircraft type with a maximum certificated take-off mass of 7,000 kg or less.

Item 10 - Equipment



- S = Standard equipment

 VHF RTF, ADF, VOR and ILS
- O = VOR
 D = DME
- **F** = **ADF**
- G = (GNSS)
 - I = Inertial Navigation
 - W = RVSM Certified
 - J = (Data Link)(see Note 3)
- K = (MLS)
- L = ILS
 - Z = Other equipment carried

Information on navigation capability is provided to ATC for clearance and routing purposes

Surveillance Equipment



- After the NAV/COM entry there is a slash that separates the NAV/COM from the surveillance equipment
- N = None
- A = Transponder Mode A
- C = Transponder Mode A and Mode C
- X = Transponder Mode S without both aircraft identification and pressure- altitude transmission
- P = Transponder Mode S, including pressure-altitude transmission, but no aircraft identification transmission
- I = Transponder Mode S, including aircraft identification transmission, but no pressure-altitude transmission
- S = Transponder Mode S, including both pressurealtitude and aircraft identification transmission ADS equipment
- D = ADS capability

ADS Capability



B1 = ASD-B with dedicated 1090 out
B2 = ADS-B with 1090 out and in
U1 = ADS-B out using UAT
U2 = ADS-B out and in using UAT
V1 = ADS-B out using VDL Mode 4
V2 = ADS-B out and in using VDL Mode 4

Item 15 – Route



- Cruising Speed

 Kilometers per hour, expressed as K followed by 4 figures (e.g., K0830), or
 Knots, expressed as N followed by 4 figures (e.g., N0485), or
 Mach Number, when so prescribed by the appropriate ATS, to the nearest hundredth of unit Mach, expressed as M followed by 3 figures (e.g., M082).
- Cruising level for the first or whole flight (maximum 5 characters)
 - Flight Level, expressed as F followed by 3 figures (e.g., F085; F330
 - Altitude in hundreds of feet, expressed as A followed by 3 figures (e.g., A045; A100
 - For uncontrolled VFR flights, the letters VFR.
- Route (including changes of speed, level and/or flight rules)
 - Flights along designated ATS routes

Item 16 - Destination



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Item 18 – Other Information



 INSERT 0 (zero) if no other information,
 Include any other necessary information

 REG/ [The registration markings of the aircraft, if different from the aircraft

identification in Item 7.]

Item 19 – Supplementary Information



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AIM 5-1-9



5–1–9. International Flight Plan (FAA Form 7233–4)– IFR Flights (For Domestic or International Flights)

a. General

Use of FAA Form 7233-4 is:

- **1.** Mandatory for assignment of RNAV SIDs and STARs or other PBN routing,
- **2.** Mandatory for all IFR flights that will depart U.S. domestic airspace, and
 - 3. Recommended for domestic IFR flights.

NOTE-

1. An abbreviated description of FAA Form 7233–4 (International Flight Plan) may be found in this section. A detailed description of FAA Form 7233–4 may be found on the FAA website at:

http://www.faa.gov/about/office_org/headquarters_offices/ato/se rvice_units/enroute/flight_plan_filing/

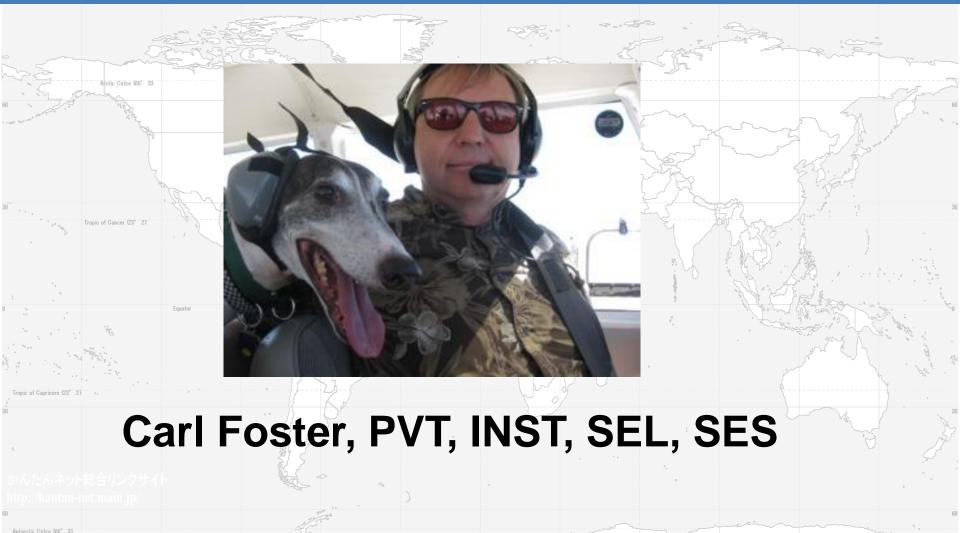
Questions





Presentation





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