International Civil Aviation Organization (ICAO) Flight Plan Format

How to fill it out for Redstone Flying Club Aircraft

Required by FAA after August 27, 2019

For both VFR and IFR Domestic Flights

FAA Form for ICAO Flight Plan Format Approved OMB No. 2120-0026 Exp. 5/31/2017

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1800WXBRIEF.com Flight Plan Format

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Aircraft ID N736ZX *	Flight Rule	Flight Type		No. of Aircraft	Aircraft C82R	Type P	Wake Turbule	ance Airc	raft Equipment GY	م
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Filing an ICAO format flight plan is more user friendly using the 1800wxbrief service.

First, Select the ICAO tab at the top of the Flight Plan Screen Next, Tab your way through the fields filling them out as you go Last, click File

This sample VFR flight plan is for a direct flight for N736ZX from HUA to MDQ at 5,500 feet at 143 knots.

1800WXBRIEF.com Flight Plan Format Aircraft Type Search Window

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Flight Type Field is optional, but for General Aviation, the type is "G" No. of Aircraft will always be "1" since no formation flying is allowed

Wake Turbulence level is "L" for Light

1800WXBRIEF.com Flight Plan Format Aircraft Type Search Window

Draft Domestic Recent Flight Plans Favorite Flight Plans Save as Favorite Notice: Per FAA Guidance, IFR fliarspace must be filed as ICAO fl Aircraft ID Flight Rule Flight Type No. of Aircraft Aircraft Type Wake Turbulence Aircraft Equipment N7362X VFR G I C82R L SBGY Departure Aircraft ID Departure Date & Time Evaluate Cruising Speed Level Optimize KHUA Area Brief Db/22/2019 1700 CDT N0143 A055 SB2 Route of Flight Map Plan Other Information (Optional) SB2 Destination Airport Info Total Estimated Elapsed Time Alternate 1 (Optional) Alternate 2 (Optional) Fuel Endurance Persons on Board Alrcraft Color & Markings Supplemental Remarks (Optional) Plot In Command (optional)	Equipment
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HUA, (256)876-6774 REIMS Skylane RG C82R	

You can look up the code for your aircraft type. Codes are the same as the old FAA domestic Flight plan. RAFA aircraft codes are:

Cessna 152: C152	Cessna 182RG:	C82R
Cessna 172: C172	Piper Arrow:	P28R
Cessna 182: C182		

1800WXBRIEF.com Flight Plan Format Aircraft Equipment Options

1800wxbrief Better Briefings, Safer Flights Flight ilot Dashboard Map & Wx Charts + Flight Planning & Briefing • UAS . Account + Airports . Links . Logout Thu Aug 22 15:37:58 CDT | 20:37:58 Z Welcome WILLIAM I HANKS Draft Domestic | ICAO Notice: Per FAA Guidance, IFR flights exiting US Recent Flight Plans · Favorite Flight Plans airspace must be filed as ICAO flight plans. Save as Favorite Aircraft 1D Flight Rule Flight Type No. of Aircraft Aircraft Type Wake Turbulence Aircraft Equipment VER * * 1 P L. * SBGY p N7367X C82R Departure Date & Time Surveillance Equipment Airport Info Evaluate Cruising Speed Departure Level. Optimize: KHUA p 08/22/2019 1700 CDT . N0143 A055 SB2 P Ares Brief = Apply Minutes From Now Plan Route of Flight Map Other Information (Optional) DCT P Aircraft Equipment Airport Info Total Estimated El port Info Alternate 2 (Optional) Destination Airport Info N - NIL KMDQ p D 0015 Area Brief -S = (VOR, VHF RTS ILS) ea Brief * Area Brief . A = GBAS Landing System B = LPV (APV with SBAS) Fuel Endurance Persons on Board Airc tional) Pilot In Command (Optional) C = LORAN C D - DME 1 B/R 0500 E1 = FMC WPR ACARS E2 = D-FIS ACARS E3 = PDC ACARS F = ADF **Emergency Radios** Survival Equipment Jack G - GNSS UHF Polar H = HE RTE olor Covered VHF Desert 🔲 I = Inert'i Nav ELBA Mantime 31 = CPDLC ATN VDL Mode 2 Jungle 32 = CPDLC FANS 1/A HFDL 33 = CPDLC FANS 1/A VDL Mode A 34 = CPDLC FANS 1/A VDL Mode 2 **Pilot Contact Information** Rou J5 = CPDLC FANS 1/A SAT COM (INMARSAT) ef Products 000960 J6 = CPDLC FANS 1/A SAT COM (MTSAT) HANKS, WILLIAM, (256)653-0109 Brie I7 = CPDUC FANS 1/A SAT COM (Indium) essages KHUA, (256)876-6774 K = MLS Win DC NOTAMs L = ILS ent NOTAMs High M1 = ATC RTF SATCOM (INMARSAT) M2 = ATC RTF (MTSAT) M3 = ATC RTF (Indium) D = VOR Standard Outlook Abbreviated 5 Return R = PBN Approved Clear Brief En Flight Plan Brief Brief T = TACAN U - UHF RTF V - VHE RTE W = RVSM X = MNPS Y = VHF with 8.33 kHz channel spacing Z = Other (CDM/, DAT/ or NAV/ in Field 18) Cancel OK

The Aircraft Equipment Field has a selection box for aircraft communication and navigation equipment which will encode the equipment for you in the Aircraft Equipment Block.

Navigation Equipment Codes

Select all the equipment codes highlighted: Yellow for all the four seat aircraft Red for the Cessna 152s

- N = NIL
- S = (VOR, VHF RTF, ILS) Standard Equipment
- A = GBAS Landing System
- B = LPV (APV w/ SBAS) WAAS/LPV capability
- C = LORAN C
- D = DME
- F = ADF
- G = GNSSGlobal Navigation Satellite System (aka GPS)
- I = Inertial Nav
- K = MLS
- L = ILS
- O = VOR
- R = Performance Based Navigation Approved (more detail to be provided in Block 18)
- T = TACAN
- X = MNPS

Communications Equipment Codes

- E1 = FMC WPR ACARS
- E2 = D-FIS ACARS
- E3 = PDC ACARS
- H = HF RTF
- J1 = CPDLC ATN VDL Mode 2
- J2 = CPDLC FANS 1/A HFDL
- J3 = CPDLC FANS 1/A VDL Mode A
- J4 = CPDLC FANS 1/A VDL Mode 2
- J5 = CPDLC FANS 1/A SAT COM (INMARSAT)
- J6 = CPDLC FANS 1/A SAT COM (MTSAT)
- J7 = CPDLC FANS 1/A SAT COM (Iridium)
- M1 = ATC RTF SATCOM (INMARSAT)
- M2 = ATC RTF (MTSAT)
- M3 = ATC RTF (Iridium)
- U = UHF RTF
- V = VHF RTF
- Y = VHF with 8.33 kHz channel
- Z = Other (COM/, DAT/ or NAV/ detail provided in Field 18)

1800WXBRIEF.com Flight Plan Format

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Cruising speed in knots has an "N" prefix followed by four digits. For example, 90 knots would be "N0090".

Flight Altitude in height above Mean Sea Level (MSL) has an "A" prefix followed by three digits denoting altitude in hundreds of feet. For example, 3000' MSL would be "A030".

1800WXBRIEF.com Flight Plan Format Surveillance Equipment Options

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The Surveillance Equipment Field has a selection box for aircraft Transponder and ADS-B equipment which will encode the equipment for you in the Surveillance Equipment Block.

Surveillance Equipment Codes for Block 10

Select all the equipment codes highlighted: Yellow for all the four seat aircraft Red for all the Cessna 152s Green for N52057 and N871CP only Blue for all the four seat aircraft except N52057 and N871CP

- N = NIL
- A = Mode A
- C = Modes A and C
- E = Mode S, ID, Alt and Squitter
- H = Mode S, ID, Alt and Enhanced Surveillance
- I = Mode S, ID no Alt
- L = Mode S, ID, Alt, Squitter and Enhanced Surveillance
- P = Mode S, Alt no ID
- S = Mode S, ID and Alt
- X = Mode S, no ID no Alt
- B1 = ADS-B Out, Dedicated 1090 MHz
- B2 = ADS-B Out and In , Dedicated 1090 MHz
- U1 = ADS-B, UAT Out
 - U2 = ADS-B, UAT Out and In
 - V1 = ADS-B, VDL Mode 4 Out
 - V2 = ADS-B, VDL Mode 4 Out and In
 - D1 = ADS-C, FANS
 - G1 = ADS-C, ATN

Add U1 in addition to C for N89358 for now and for all C-152s when all their ADS-B Mods are completed.