

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



U.S. Department of Transportation
Federal Aviation Administration

International Flight Plan

PRIORITY

<=FF

ADDRESSEE(S)

FILING TIME

ORIGINATOR

SPECIFIC IDENTIFICATION OF ADDRESSEE(S) AND / OR ORIGINATOR

3 MESSAGE TYPE

<=(FPL

7 AIRCRAFT IDENTIFICATION

8 FLIGHT RULES

TYPE OF FLIGHT

9 NUMBER

TYPE OF AIRCRAFT

WAKE TURBULENCE CAT.

10 EQUIPMENT

13 DEPARTURE AERODROME

TIME

15 CRUISING SPEED

LEVEL

ROUTE

16 DESTINATION AERODROME

TOTAL EET

HR MIN

ALTN AERODROME

2ND ALTN AERODROME

18 OTHER INFORMATION

SUPPLEMENTARY INFORMATION (NOT TO BE TRANSMITTED IN FPL MESSAGES)

19 ENDURANCE

HR MIN

PERSONS ON BOARD

EMERGENCY RADIO

UHF

VHF

ELT

E/

P/

R/

U

V

E

SURVIVAL EQUIPMENT

JACKETS

POLAR DESERT MARITIME JUNGLE

LIGHT FLUORES

UHF

VHF

DINGHIES

NUMBER CAPACITY COVER

COLOR

D/

C

AIRCRAFT COLOR AND MARKINGS

A/

REMARKS

N/

PILOT-IN-COMMAND

C/

FILED BY

ACCEPTED BY

ADDITIONAL INFORMATION

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Welcome WILLIAM J HANKS

Thu Aug 22 15:31:56 CDT | 20:31:56 Z

Draft						Domestic ICAO	
Recent Flight Plans		Favorite Flight Plans		Save as Favorite		Notice: Per FAA Guidance, IFR flights exiting US airspace must be filed as ICAO flight plans.	
Aircraft ID N736ZX	Flight Rule VFR	Flight Type ▼	No. of Aircraft 1	Aircraft Type C82R	Wake Turbulence L	Aircraft Equipment SBGY	
Departure KHUA	Airport Info Area Brief	Departure Date & Time 08/22/2019 1700 CDT 1-120 Apply Minutes From Now		Cruising Speed N0143	Level A055	Surveillance Equipment SB2	
Route of Flight DCT				Other Information (Optional)			
Destination KMDQ	Airport Info Area Brief	Total Estimated Elapsed Time 0015		Alternate 1 (Optional)	Airport Info Area Brief	Alternate 2 (Optional)	Airport Info Area Brief
Fuel Endurance 0500	Persons on Board 1	Aircraft Color & Markings B/R/W		Supplemental Remarks (Optional)		Pilot In Command (Optional)	
Emergency Radios <input type="checkbox"/> UHF <input type="checkbox"/> VHF <input type="checkbox"/> ELBA	Survival Equipment <input type="checkbox"/> Polar <input type="checkbox"/> Desert <input type="checkbox"/> Maritime <input type="checkbox"/> Jungle	Jackets <input type="checkbox"/> Light <input type="checkbox"/> Fluorescent <input type="checkbox"/> UHF <input type="checkbox"/> VHF		Dinghies (Optional) Number Capacity Color Covered			
Pilot Contact Information HANKS, WILLIAM, (256)653-0109 KHUA, (256)876-6774		Route Briefing Settings Briefing Corridor 50 nm Winds Aloft Corridor 200 nm High Altitude Briefing		Opt. Standard Brief Products <input type="checkbox"/> Flow Control Messages <input type="checkbox"/> NHC Bulletins <input type="checkbox"/> Non-Location FDC NOTAMS <input type="checkbox"/> State Department NOTAMS <input type="checkbox"/> Military NOTAMS			
Standard Brief	Outlook Brief	Abbreviated Brief	Schedule Email Brief	File	NavLog	Return Flight Plan	Clear

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.

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Aircraft Type Search Window

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Notice: Per FAA Guidance, IFR flights exiting US airspace must be filed as ICAO flight plans.

Aircraft ID N736ZX	Flight Rule VFR	Flight Type G	No. of Aircraft 1	Aircraft Type C82R	Wake Turbulence L	Aircraft Equipment SBGY
Departure KHUA	Area Brief	Structure Date & Time 2019 1700 CDT	Evaluate	Cruising Speed N0143	Level A055	Surveillance Equipment SB2
Route of Flight DCT				Other Information (Optional)		
Destination KMDQ		Total Estimated Elapsed Time 0015		Alternate 1 (Optional)		Alternate 2 (Optional)
Fuel Endurance 0500	Persons on Board 1	Aircraft Color & Markings B/R/W		Supplemental Remarks (Optional)		Pilot In Command (Optional)
Emergency Radios <input type="checkbox"/> UHF <input type="checkbox"/> VHF <input type="checkbox"/> ELBA	Survival Equipment <input type="checkbox"/> Polar <input type="checkbox"/> Desert <input type="checkbox"/> Maritime <input type="checkbox"/> Jungle	Jackets <input type="checkbox"/> Light <input type="checkbox"/> Fluorescent <input type="checkbox"/> UHF <input type="checkbox"/> VHF		Dinghies (Optional) Number Capacity Color Covered		
Pilot Contact Information HANKS, WILLIAM, (256)653-0109 KHUA, (256)876-6774		Route Briefing Settings Briefing Corridor 50 nm Winds Aloft Corridor 200 nm High Altitude Briefing		Opt. Standard Brief Products <input type="checkbox"/> Flow Control Messages <input type="checkbox"/> NHC Bulletins <input type="checkbox"/> Non-Location FDC NOTAMS <input type="checkbox"/> State Department NOTAMS <input type="checkbox"/> Military NOTAMS		

Standard Brief Outlook Brief Abbreviated Brief Schedule Email Brief File NavLog Return Flight Plan Clear

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

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Aircraft Type Search Window

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Notice: Per FAA Guidance, IFR flights exiting US airspace must be filed as ICAO flight plans.

Aircraft ID N736ZX	Flight Rule VFR	Flight Type G	No. of Aircraft 1	Aircraft Type C82R	Wake Turbulence L	Aircraft Equipment SBGY
Departure KHUA	Airport Info Area Brief	Departure Date & Time 08/22/2019 1700 CDT	Evaluate 1-120 Apply Minutes From Now	Cruising Speed N0143	Level A055	Surveillance Equipment SB2
Route of Flight DCT				Other Information (Optional)		
Destination KMDQ	Airport Info Area Brief	Total Estimated Elapsed Time 0015	Alternate 1 (Optional)	Airport Info Area Brief	Alternate 2 (Optional)	Airport Info Area Brief
Fuel Endurance 0500	Persons on Board 1	Aircraft Color & Markings B/R/W	Supplemental Remarks (Optional)		Pilot In Command (Optional)	
Emergency Radios UHF VHF ELBA	Pilot Contact Information HANKS, WILLIAM, (256) KHUA, (256)876-6774					

Standard Brief Outline Brief

Select Cancel Return Flight Plan Clear

Aircraft Type Search

C82R ☐ Exact Match Search

MANUFACTURER	MODEL	A/C TYPE
AVIONES COLOMBIA	R182	C82R
CESSNA	R182 Skylane RG	C82R
CESSNA	Skylane RG	C82R
REIMS	FR182 Skylane RG	C82R
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		

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Aircraft Equipment Options

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Route of Flight DCT				Other Information (Optional)		
Destination KMDQ	Airport Info Area Brief	Total Estimated El 0015		Alternate 2 (Optional)	Pilot In Command (Optional)	
Fuel Endurance 0500	Persons on Board 1	Aircraft B/R				
Emergency Radios UHF VHF ELBA	Survival Equipment Polar Desert Maritime Jungle	Jack				
Pilot Contact Information HANKS, WILLIAM, (256)653-0109 KHUA, (256)876-6774			Route Brief Win High			
Standard Brief Outlook Brief Abbreviated Brief			Return Flight Plan Clear			

Aircraft Equipment

- ☐ N = NIL
- ☒ S = (VOR, VHF RTF, ILS)
- ☐ A = GBAS Landing System
- ☒ B = LPV (APV with SBAS)
- ☐ C = LORAN C
- ☐ D = DME
- ☐ E1 = FMC WPR ACARS
- ☐ E2 = D-FIS ACARS
- ☐ E3 = PDC ACARS
- ☐ F = ADF
- ☒ G = GNSS
- ☐ H = HF RTF
- ☐ I = Inertial Nav
- ☐ 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 (Indium)
- ☐ K = MLS
- ☐ L = ILS
- ☐ M1 = ATC RTF SATCOM (INMARSAT)
- ☐ M2 = ATC RTF (MTSAT)
- ☐ M3 = ATC RTF (Indium)
- ☐ Q = VOR
- ☐ R = PEN Approved
- ☐ T = TACAN
- ☐ U = UHF RTF
- ☐ V = VHF RTF
- ☐ W = RVSM
- ☐ X = MNPS
- ☒ Y = VHF with 8.33 kHz channel spacing
- ☐ Z = Other (COM/, DAT/ or NAV/ in Field 18)

OK Cancel

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 = GNSS *Global 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)

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Departure KHUA	Airport Info Area Brief	Departure Date & Time 08/22/2019 1700 CDT		Cruising Speed N0143	Level A055	Optimize	Surveillance Equipment SB2
Route of Flight DCT				Other Information (Optional)			
Destination KMDQ		Total Estimated Elapsed Time 0015		Alternate 1 (Optional)		Alternate 2 (Optional)	
Fuel Endurance 0500	Persons on Board 1	Aircraft Color & Markings B/R/W		Supplemental Remarks (Optional)		Pilot In Command (Optional)	
Emergency Radios <input type="checkbox"/> UHF <input type="checkbox"/> VHF <input type="checkbox"/> ELBA	Survival Equipment <input type="checkbox"/> Polar <input type="checkbox"/> Desert <input type="checkbox"/> Maritime <input type="checkbox"/> Jungle	Jackets <input type="checkbox"/> Light <input type="checkbox"/> Fluorescent <input type="checkbox"/> UHF <input type="checkbox"/> VHF		Dinghies (Optional) Number Capacity Color Covered			
Pilot Contact Information HANKS, WILLIAM, (256)653-0109 KHUA, (256)876-6774		Route Briefing Settings Briefing Corridor 50 nm Winds Aloft Corridor 200 nm High Altitude Briefing		Opt. Standard Brief Products <input type="checkbox"/> Flow Control Messages <input type="checkbox"/> NHC Bulletins <input type="checkbox"/> Non-Location FDC NOTAMS <input type="checkbox"/> State Department NOTAMS <input type="checkbox"/> Military NOTAMS			
Standard Brief	Outlook Brief	Abbreviated Brief	Schedule Email Brief	File	NavLog	Return Flight Plan	Clear

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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Route of Flight DCT				Other Information (Optional)		
Destination KMDQ	Airport Info Area Brief	Total Estimated Elapsed Time 0015	Alternate 1 (Optional)	Airport Info Area Brief	Alternate 2 (Optional)	Airport Info Area Brief
Fuel Endurance 0500	Persons on Board 1	Survival Equipment <input type="checkbox"/> Polar <input type="checkbox"/> Desert <input type="checkbox"/> Maritime <input type="checkbox"/> Jungle		Pilot in Command (Optional)		
Emergency Radios <input type="checkbox"/> UHF <input type="checkbox"/> VHF <input type="checkbox"/> ELBA		Pilot Contact Information HANKS, WILLIAM, (256)653-0109 KHUA, (256)876-6774				

Standard Brief Outlook Brief Abbreviated Brief

Return Flight Plan Clear

Surveillance Equipment

- ☐ N = NIL
- ☐ A = Mode A
- ☐ C = Modes A and C
- ☐ E = Mode S, ID, Alt and Squitter
- ☐ H = Mode S, ID, Alt and Enhanced Surv
- ☐ I = Mode S, ID no Alt
- ☐ L = Mode S, ID, Alt, Squitter and Enhanced Surv
- ☐ P = Mode S, Alt no ID
- ☐ S = Mode S, ID and Alt
- ☐ X = Mode S, no ID no Alt

- ☐ B1 = ADS-B, Dedicated 1090 MHz Out
- ☒ B2 = ADS-B, Dedicated 1090 MHz Out and In
- ☐ 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

OK Cancel

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.