



# 2020 General Aviation and Part 135 Activity Survey

(As of December 31, 2020)

## Instructions:

- Please answer questions for the aircraft shown to the right.
- If this is not your aircraft, please check this box  and return the survey in the enclosed postage-paid envelope.
- When entering numbers, use numbers that look like this:
- **Round all numbers to the nearest WHOLE number.**

1	2	3	4	5	6	7	8	9	0
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## Aircraft Characteristics:

Submission of this form is voluntary. The information obtained in the survey will only be used for statistical purposes, and will be kept private to the extent permitted by law. FAA will not publish any reports or tables that would reveal specific information reported by an individually identifiable respondent.

**When reporting aircraft activity, please report for all users of this aircraft. If you do not know the exact information for a particular question, please provide your best estimate.**

**Q1 Was this aircraft flown in 2020?** (Check "No" only if the aircraft was flown zero hours)

- Yes Continue to Q2  
 No

### Why was this aircraft inactive? (Check one)

- Sold – Year   Under construction  
 Destroyed – Year   Under maintenance or repair  
 Museum piece  Parted out/Salvaged  
 In storage  Other (Specify) \_\_\_\_\_

**The survey is complete. Please return the survey in the enclosed postage-paid envelope.**

**Q2 In 2020, was this aircraft leased to or operated primarily by a FAR Part 121 or 129 air carrier?** (Check one)

- Yes  
 No

**Q3 How many total hours did this aircraft fly in 2020?** (Include estimated rental and leased hours; if you purchased this aircraft in 2020, please include hours flown for the entire year. NOTE: the total number of hours in a year is 8,760.)

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Hours flown in 2020 (rounded to the nearest WHOLE number - no decimals please)

**Q4 In what U.S. state or territory was this aircraft primarily flown in 2020?**

<input type="text"/>	<input type="text"/>
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(Please use 2-character state/territory abbreviation)

**Q5 FLIGHT IN ALASKA:** For what percent of the total hours flown in 2020 was the aircraft flown in Alaska? (If no hours were flown in Alaska in 2020, please enter 0 below.)

<input type="text"/>	<input type="text"/>	<input type="text"/>
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 %

**Q6** What percent of the total hours flown by this aircraft in 2020 were flown in each of the following categories? (Estimate the percent of total hours flown in 2020 in each of the following categories so that the total equals 100%.)

Category		% of Hrs Flown		
General Use	<b>Personal/Recreation</b> – Flying for personal reasons (excludes business transportation)			%
	<b>Instructional</b> – Flying under the supervision of a flight instructor, including student pilot solo (excludes positioning flights, proficiency flights, training, ferrying, sales demos)			%
	<b>Business Transportation</b> – ( <u>without</u> a paid flight crew) – Individual or group use for, or in the furtherance of, a business			%
	<b>Business Transportation</b> – ( <u>with</u> a paid flight crew) – Individual or group business transportation (includes fractional ownership)			%
	<b>Air Medical Services</b> – Air ambulance services, rescue, human organ transportation, emergency medical services (excludes AMS conducted under FAR Part 135)			%
	<b>Sight-seeing</b> – Commercial sight-seeing conducted under FAR Part 91			%
	<b>Aerial Observation</b> – Aerial mapping/photography, patrol, search and rescue, hunting, traffic advisory, ranching, surveillance, oil and mineral exploration, etc.			%
	<b>Aerial Application in Agriculture and Forestry</b> – Crop and timber production, including fertilizer and pesticide application			%
	<b>Other Aerial Application</b> – Public health sprayings, cloud seeding, fire fighting including forest fires, etc.			%
	<b>External Load</b> – Operation under FAR Part 133, rotorcraft external load operations, examples include: helicopter hoist, hauling logs, etc.			%
	<b>Other Work Use</b> – Construction work (excluding FAR Part 135 operation), parachuting, aerial advertising, towing gliders, etc.			%
	<b>Other</b> – Positioning flights, proficiency flights, training, ferrying, sales demos, etc.			%
FAR Part 135	<b>Air Taxi</b> – FAR Part 135 <u>on-demand</u> passenger and all cargo operations (excluding air tours, air medical services, or scheduled passenger service)			%
	<b>Air Tours</b> – Commercial sight-seeing conducted under FAR Part 135			%
	<b>Air Medical Services</b> – Air ambulance services, rescue, human organ transportation, emergency medical services conducted under FAR Part 135			%
	<b>Commuter</b> – FAR Part 135 <u>scheduled</u> passenger service only			%
<b>TOTAL OF <u>ALL</u> USES</b>		<b>100%</b>		

**Q7** For what percent of the total hours flown in 2020 was the aircraft rented or leased to others? (Include all hours where someone other than an owner paid to operate the aircraft, including instructional flights. Enter 0 if the aircraft was not rented or leased to others.)

%

**Q8** For what percent of the total hours flown in 2020 was the aircraft owned or hired by the federal, state, or local government for the purpose of fulfilling a governmental function? (Enter 0 if the aircraft was not used for the purpose of fulfilling a governmental function.)

%

**Q9 In 2020 was this aircraft certified and maintained to operate under instrument flight rules (IFR)?**  
(Check one)

- Yes  
 No

**Q10 What percent of the total hours flown by this aircraft in 2020 were FILED under....?** (Estimate the percent of total hours flown in 2020 in each of the following categories so that the total equals 100%.)

FILED Flight Plans	Percent of Hours Flown			
VFR Flight Plans				%
IFR Flight Plans				%
No Flight Plans				%
<b>Total of <u>ALL</u> Hours Flown</b>	<b>100%</b>			

**Q11 How many landings did this aircraft perform in 2020?** (Include water & touch-and-go landings.)

Number of 2020 landings

**Q12 What type of landing gear system did this aircraft primarily use in 2020?** (Check one)

- Fixed wheels                       Straight floats                       Other (e.g., skis)  
 Retractable wheels               Amphibious floats                       None (e.g., hot air balloon)

**Q13 What kind/grade of fuel was primarily used in this aircraft in 2020?** (Check one)

- Jet Fuel                                       Propane/LP Gas  
 Automotive Gasoline                       Other (Specify) \_\_\_\_\_  
 Aviation Fuel: 100-Low Lead               None

**Q14 What was the average fuel burn rate (in gallons per hour) for this aircraft in 2020?**

Gallons per hour (rounded to the nearest WHOLE number - no decimals please)

**Q15 What were the total lifetime airframe hours as of December 31, 2020?**

Lifetime airframe hours (rounded to the nearest WHOLE number - no decimals please)

**Q16 Was the aircraft equipped with ice protection on any of the following in 2020?**

(Check all that apply)

- Wing                                       Propeller                                       Stall warning sensor  
 Horizontal tail                       Windshield                                       Pitot system  
 Vertical tail                               Engine (Nacelle lip or inertial separator)                       None

**Q17 Installed Avionics Equipment: Check all boxes below that reflect this aircraft's installed avionics equipment as of December 31, 2020. (Check the box if the aircraft has the equipment listed.)**

**Installed General Equipment**

- Electrical System
- Electronic Primary Flight Display (PFD)
- Multi-Function Display (MFD)
- Electronic Flight Bag (EFB) – Installed
- Electronic Engine Monitor
- Terrain Awareness Warning System (TAWS)
- Collision Avoidance (TCAS, TCAD, TIS)
- Emergency Locator Transmitter: 121.5 MHz
- Emergency Locator Transmitter: 406 MHz
- Air Bag
- Ballistic Parachute
- Angle of Attack Display
- Envelope Protection

**Installed Transponder/Surveillance Equipment**

- Mode 3/A/C
- Mode S
- ADS-B Out (UAT and/or 1090ES)  
ADS-B In/Receive
  - UAT only; or,
  - 1090ES only; or,
  - UAT and 1090ES Dual-Band

**Installed Communications Equipment**

- 50 kHz radio (360 channel)
- 25 kHz radio (720 channel)
- 8.33 kHz radio (2280 channel)
- HF Radio
- Datalink
  - SATCOM (Comsat, Inmarsat)
  - ACARS (AFIS)
  - FANS (1/A)

**Installed Weather Equipment:**

- Airborne Weather Radar
- Data Link Flight Information (UAT, XM, WSI)
- Lightning Detection Equipment

**Installed Recording Equipment**

- Flight Data Recorder
- Cockpit Voice Recorder
- Quick Access Recorder
- Cockpit Image Recorder
- Recording Capability in PFD/MFD (SD card)

**Installed Navigation Equipment**

Global Position System Operational Capability

- Not IFR approved
- IFR-approved for enroute operation only
- IFR-approved for enroute & terminal operation
- IFR-approved for LNAV or LNAV/VNAV approach operation
- IFR-approved for LPV approach
- Baro-VNAV for Approach Vertical Guidance
- Moving map capability
- Inertial Reference / Navigation System
- VOR/DME-based Area Navigation (RNAV)
- DME/DME-based Area Navigation (RNAV)
- DME
- ILS
- 100 channel VOR receiver
- 200 channel VOR receiver

**Installed Guidance and Control Equipment**

- Flight Management System
- Flight Director
- Autopilot-Axis Control
  - Lateral Guidance
  - Approach Mode (vertical guidance)
- Horizontal Situation Indicator (HSI)
- Heads Up Display
- Enhanced Vision System (EVS)
- Enhanced Flight Vision System (EFVS)
- Synthetic Vision System (SVS)
- Combined Vision System (CVS)

**– Agency Display of Estimated Burden of the General Aviation and Part 135 Activity Survey –**

The public reporting burden for this collection of information is estimated to average 20 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to:

Information Collection Clearance Officer  
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