Federal Aviation Administration
C/O Tetra Tech
6410 Enterprise Ln, Ste 300
Madison, WI 53719

2017 General Aviation and Part 135 Activity Survey

(As of December 31, 2017)

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

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 2017? *(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 2017, 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 2017? *(Include estimated rental and leased hours; if you purchased this aircraft in 2017, please include hours flown for the entire year. NOTE: the total number of hours in a year is 8,760.)*

☐☐☐☐ Hours flown in 2017 (rounded to the nearest WHOLE number - no decimals please)

Q4 In what U.S. state or territory was this aircraft primarily flown in 2017?

☐☐ ((Please use 2-character state/territory abbreviation)

Q5 FLIGHT IN ALASKA: For what percent of the total hours flown in 2017 was the aircraft flown in Alaska? *(If no hours were flown in Alaska in 2017, please enter 0 below.)*

☐☐☐ %

Q6 What percent of the total hours flown by this aircraft in 2017 were flown in each of the following categories? *(Estimate the percent of total hours flown in 2017 in each of the following categories so that the total equals 100%.)*

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

Q7 For what percent of the total hours flown in 2017 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 2017 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 2017 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 2017 were FILED under….?*** *(Estimate the percent of total hours flown in 2017* 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	**%**
Total of ALL Hours Flown	**100%**

Q11 ***How many landings did this aircraft perform in 2017?*** *(Include water & touch-and-go landings.*)

☐☐☐☐ Number of 2017 landings

Q12 What type of landing gear system did this aircraft primarily use in 2017? *(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 2017? *(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 2017?

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

Q15 What were the total lifetime airframe hours as of December 31. 2017?

☐☐☐☐☐☐ (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 2017?
(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, 2017. *(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 Equipment:

- ☐ Mode 3A/C
- ☐ Mode 3A/C and UAT (ADS-B TSO-C154)
- ☐ Mode S (TSO-C112)
- ☐ Mode S (TSO-C112) and ADS-B (TSO-C166)

ADS-B In Receive:

- ☐ UAT only
- ☐ 1090 only
- ☐ UAT-1090 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:

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