

**Federal Aviation Administration**

**C/O Tetra Tech**

**6410 Enterprise Ln, Ste 300**

**Madison, WI 53719**

***2022 General Aviation and Part 135 Activity Survey***

**(As of December 31, 2022)**

**Instructions: Aircraft Characteristics:**

* 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**

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 2022?** *(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 2022, 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 2022?** *(Include estimated rental and leased hours; if you purchased this aircraft in 2022, please include hours flown for the entire year. NOTE: the total number of hours in a year is 8,760.)*

Hours flown in 2022 (rounded to the nearest WHOLE number - no decimals please)

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |

**Q4** **In what U.S. state or territory was this aircraft primarily flown in 2022?**

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

**Q5 FLIGHT IN ALASKA: For what percent of the total hours flown in 2022 was the aircraft flown in Alaska?** *(If no hours were flown in Alaska in 2022, please enter 0 below.)*

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  | % |

Q6 What percent of the total hours flown by this aircraft in 2022 were flown in each of the   
following categories? *(Estimate the percent of total hours flown in 2022 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 2022 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 2022 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 2022 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 2022 were FILED under….?** *(Estimate the percent of total hours flown in 2022 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 2022?** *(Include water & touch-and-go landings.)*

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  | Number of 2022 landings |

**Q12 What type of landing gear system did this aircraft primarily use in 2022?** *(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 2022?** *(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 2022?**

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

**Q15 What were the total lifetime airframe hours as of December 31, 2022?**

( 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 2022?**

*(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, 2022.** *(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:

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