



Federal Aviation Administration  
C/O PA Consulting Group  
6410 Enterprise Ln, Ste 300  
Madison, WI 53719

## 2007 General Aviation and Part 135 Activity Survey

(As of December 31, 2007)

**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 The information provided will be used only for statistical purposes and will not be published or released in any form that would reveal specific information reported by an individually identifiable respondent.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 2007? (Check one)**

- Yes → Continue to Q2
- No →

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

Sold – Year      Under restoration  Museum piece

Destroyed – Year      Under construction  Other

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

**Q2 In 2007, was this aircraft leased to or operated primarily by a FAR Part 121 or 129 air carrier? (Check one)**

- Yes → Do not complete the rest of this survey. Please return the form in the enclosed postage-paid envelope.
- No → Please complete the rest of this survey.

**Q3 In what U.S. state or territory was this aircraft primarily flown in 2007?**

(Please use 2-character state/territory abbreviation)

**Q4 What were the total lifetime airframe hours as of December 31, 2007?**

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

**Q5 How many total hours did this aircraft fly in 2007? (Include estimated rental and leased hours; if you purchased this aircraft in 2007, please include hours flown for the entire year; NOTE: the maximum number of hours you could have flown in 2007 is 8,760 hours.)**

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

**Q6 For what percent of the total hours flown in 2007 was the aircraft flown in Alaska? (If no hours were flown in Alaska in 2007, please enter 0 below.)**

%



Q7 What percent of the total hours flown by this aircraft in 2007 were flown in each of the following categories? (Estimate the percent of total hours flown in 2007 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> – Individual or group use for business transportation <i>without</i> a paid flight crew			%
	<b>Corporate/Executive Transportation</b> – Individual or group business transportation <i>with</i> a paid flight crew (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 <i>on-demand</i> 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 <i>scheduled</i> passenger service only			%
<b>TOTAL OF ALL USES</b>		<b>100%</b>		

Q8 For what percent of the total hours flown in 2007 was the aircraft flown under a fractional ownership program? (This is NOT simply joint ownership. This is ONLY for turbine aircraft in a fractional ownership program meeting Part 91, subpart K, and issued FAA Management Specifications. Flights under Part 135 should not be included. Enter 0 if no hours were flown under a fractional ownership program.)

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Q9 For what percent of the total hours flown in 2007 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.)

				%
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Q10 For what percent of the total hours flown in 2007 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.)

				%
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**Q11** What percent of the total hours flown by this aircraft in 2007 were flown under... (Estimate the percent of total hours flown in 2007 in each of the following categories so that the total equals 100%.)

Flight Plans / Conditions		% of Hours Flown			
VFR Flight Plans	Day Visual Meteorological Conditions (VMC)				%
	Night Visual Meteorological Conditions (VMC)				%
IFR Flight Plans	Day Instrument Meteorological Conditions (IMC)				%
	Day Visual Meteorological Conditions (VMC)				%
	Night Instrument Meteorological Conditions (IMC)				%
No Flight Plans	Night Visual Meteorological Conditions (VMC)				%
	Day Visual Meteorological Conditions (VMC)				%
<b>TOTAL OF ALL HOURS FLOWN</b>		<b>1 0 0 %</b>			

**Q12** How many landings did this aircraft perform in 2007? (Include water & touch-and-go landings.)

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(Number of 2007 landings)

**Q13** What type of landing gear system did this aircraft primarily use in 2007? (Check one)

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

**Q14** What kind/grade of fuel was primarily used in this aircraft in 2007? (Check one)

- Jet Fuel - Turbine                   Aviation Fuel: 100-Low Lead       None  
 Jet Fuel - Piston                     Aviation Fuel: 100 Octane  
 Automotive Gasoline               Other

**Q15** What was the average fuel burn rate (in gallons per hour) for this aircraft in 2007?

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

**Q16** In 2007 was this aircraft prohibited from flight in icing? (Check one)

- No  
 Yes → 

<b>How was this aircraft prohibited? (Check one)</b>		
<input type="checkbox"/> Placard	<input type="checkbox"/> POH or AFM limitation	<input type="checkbox"/> Both

**Q17** Was the aircraft equipped with ice protection on any of the following in 2007?  
(Check all that apply)

- Wing                                       Propeller                                   Stall warning sensor  
 Horizontal tail                       Windshield                               Pitot system  
 Vertical tail                             Engine (Nacelle lip or inertial separator)

**Q18** In 2007 was this aircraft certified and maintained to operate under instrument flight rules (IFR)?  
(Check one)

- Yes  
 No



**Q19 Installed Avionics Equipment: Check all boxes below that reflect this aircraft's installed avionics equipment capabilities as of December 31, 2007.** *(Check the first box if the aircraft has only one of the item; check the second box if the aircraft is equipped with more than one of the item; if none of an item, check neither box.)*

One      More  
          than  
          One

One      More  
          than  
          One

**Installed General Equipment:**

- Electrical System.....
- Radar Altimeter.....
- Ground Proximity Warning System.....
- Terrain Awareness Warning System (TAWS).....
- Flight Data Recorder.....
- Cockpit Voice Recorder.....
- Electronic Primary Flight Display (PFD).....
- Multi-Function Display (MFD).....
- Electronic Flight Bag (EFB) - Installed.....
- Emergency Locator Transmitter (121.5 MHz capable).....
- Emergency Locator Transmitter (406 MHz capable).....
- Air Bag and Ballistic Parachute.....
- Image Recorder.....

**Installed Transponder Equipment:**

- Mode A (TSO-C75-b/c) .....
- Mode C (Altitude Encoding) .....
- Mode S (TSO-C112) .....
- Collision Avoidance (TCAS or TCAD) .....
- ADS-B (Mode S) .....
- ADS-B (UAT):
  - Transmit Only (Out).....
  - Transmit and Receive (In).....

**Installed Communications Equipment:**

- 360 channel (50kHz channel spacing).....
- 720 channel (25kHz channel spacing) .....
- 760 channel (25kHz channel spacing) .....
- 2280 channel (8.33kHz channel spacing) .....
- HF Radio.....
- Datalink:
  - SATCOM (Comsat, Inmarsat) .....
  - ACARS (AFIS) .....
  - FANS .....

**Installed Weather Equipment:**

- Airborne Weather Radar.....
- Flight Information Service (XM, WSI, UAT).....

Lightning Detection Equipment.....

**Installed Navigation Equipment:**

- Global Positioning System (GPS):
  - Not IFR approved.....
  - IFR-approved for en route operation only...
- GPS Operational Capability:
  - IFR-approved for en route & terminal operation only (TSO C-129/129A).....
  - IFR-approved for non-precision (LNAV) approach operation (TSO C-129/129A)....
  - IFR approved for Baro VNAV.....
  - Approved for LNAV approach only (WAAS Class 1).....
  - Approved for LNAV and LNAV/VNAV (WAAS Class 2).....
  - Approved for LPV approach (WAAS Class 3).....
  - Moving map capability.....
- DME.....
- ILS .....
- 100 channel VOR Receiver.....
- 200 channel VOR Receiver.....
- VOR/DME-based Area Navigation Equipment (RNAV).....
- DME/DME-based Area Navigation Equipment (RNAV) (AC 90-100A).....
- Inertial Reference/Navigation System.....
- Terminal & Enroute Baro-VNAV.....

**Installed Guidance and Control Equipment:**

- Flight Management System.....
- Flight Director.....
- Autopilot-Axis Controls:
  - Lateral Guidance.....
  - Approach Mode (vertical guidance).....
- Horizontal Situation Indicator (HSI).....
- Heads Up Display (HUD).....
- Enhanced Vision System (EVS).....
- Synthetic Vision System (SVS).....

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U.S. DOT Federal Aviation Administration  
800 Independence Avenue SW  
AAI-220 (2007 Survey)  
Washington, DC 20591

Office of Management and Budget  
Paperwork Reduction Project  
(2120-0060)  
Washington, DC 20503

