



U.S. Department of  
Transportation  
Federal Aviation  
Administration

**MAJOR REPAIR AND ALTERATION**  
**(Airframe, Powerplant, Propeller, or Appliance)**

Form Approved  
OMB No. 2120-0020

For FAA Use Only

Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act 1958)

1. Aircraft	Make CESSNA	Model C-182S
	Serial No. 18281088	Nationality and Registration Mark N51732
2. Owner	Name (As shown on registration certificate) KOMENETSKY AVIATION LLC	Address (As shown on registration certificate) 2470 REYES CT TRACY, CA 95376-0775

3. For FAA Use Only

4. Unit Identification

5. Type

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	~~~~~(As described in item 1 above)~~~~~				XXX
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address JEFF RUFFELL 556 SOUTH P STREET LIVERMORE, CA 94550	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. 3041123A&P
---	--	----------------------------------

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date 1/13/2006	Signature of Authorized Individual JEFF RUFFELL
-------------------	--

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ APPROVED ☐ REJECTED

BY	FAA Flt Standards Inspector	Manufacturer	X	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 1/13/06		Certificate or Designation No. IA3034133A&P		Signature of Authorized Individual Michael Arraiz	

## NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

### 8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

INSTALLED JPI ENGINE MONITORING SYTEM IN ACCORDANCE WITH STC SA2586NM AND INSTALLATION MANUALS 103 REV C AND 503 REV B. INSTALLED THE FOLLOWING PARTS: INSTALLED THE GAGE P/N EGT-701 ON THE PILOTS INSTRUMENT PANEL IN THE RIGHT HAND POSITION NEXT TO THE VSI. INSTALLED FIVE OF THE CHT PROBES P/N M-5050T AND ONE OF THE 5050-A PROBE ON THE #3 CYLINDER. INSTALLED SIX OF THE EGT PROBES P/N M-111. INSTALLED MANIFOLD PRESSURE SENSOR P/N 604010. INSTALLED RPM SENSOR ON THE LEFT MAGNETO P/N 420815-1. INSTALLED WIRING HARNESS P/N WK-24 THROUGH THE FIREWALL ALONG EXISTING WIRE BUNDLE. SYTEM IS POWERED BY YHE AVIONICS COOLING FAN 5-AMP BREAKER. INSTALLED OUTSIDE AIR TEMPERATURE PROBE P/N 400509 ON THE RIGHT HAND FUSELAGE STATION 28.0. INSTALLED FUEL FLOW TRANSDUCER P/N FXT-201 AND 2EA NEW FUEL HOSES P/N'S 111F417-6S-0104 & 111F504-6S-0100 IN ACCORDANCE WITH STC SA00432SE. UPDATED WEIGHT AND BALANCE & EQUIPMENT LIST -----

-----END-----

☐ Additional Sheets Are Attached