

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number JEMR166F

This certificate is issued to
ELLIOTT AVIATION OF DES MOINES, INC.
D.B.A. ELLIOTT AVIATION
whose business address is

2800 MCKINLEY AVENUE
DES MOINES, IOWA 50321

*upon finding that its organization complies in all respects
with the requirements of the Federal Aviation Regulations
relating to the establishment of an Air Agency, and is
empowered to operate an approved* REPAIR STATION

with the following ratings:

RADIO
LIMITED AIRFRAME (04-08-94)
LIMITED POWERPLANT
LIMITED INSTRUMENT (04-17-90)
LIMITED NDI (5-10-04)
LIMITED SPECIALIZED SERVICE (5-10-04)

*This certificate, unless canceled, suspended, or revoked,
shall continue in effect* INDEFINITELY.

Date issued:

OCTOBER 5, 1959

By direction of the Administrator


TIMOTHY J. GRIFFITH

MANAGER, DSM-FSDO

This Certificate is not Transferable, AND ANY MAJOR CHANGE IN THE BASIC FACILITIES, OR IN THE LOCATION THEREOF,
SHALL BE IMMEDIATELY REPORTED TO THE APPROPRIATE REGIONAL OFFICE OF THE FEDERAL AVIATION ADMINISTRATION

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both

COPY

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A001 . Issuance and Applicability

HQ Control: 02/23/2011

HQ Revision: 05a

a. These operations specifications are issued to Elliott Aviation of Des Moines, Inc., a Domestic Repair Station, pursuant to Title 14 Code of Federal Regulations (CFR) Section 145.53. The repair station certificate holder shall conduct operations in accordance with CFR Part 145 and these operations specifications.

The certificate holder's address:

Fixed Location:
2800 McKinley Avenue
Des moines,, Iowa 50321

Mailing Address:
P.O. Box 35250
Des moines,, Iowa 50315-0303

b. The holder of these operations specifications is the holder of Certificate Number JEMR166F and shall hereafter be referred to as the certificate holder.

c. These operations specifications are issued as part of this Repair Station Certificate, and are in effect as of the Date Approval is effective. This certificate and operations specifications shall remain in effect until the domestic repair station certificate is surrendered, suspended, or revoked.

The certificate holder is authorized to conduct the operations described in subparagraph a under the following other business names:

Elliott Aviation

Delegated authorities: None

1. Issued by the Federal Aviation Administration .
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.



2011.07.12 12:42:36 Central Daylight Time
Location: WebOPSS
Digitally signed by Dennis Daley, Principal
Avionics Inspector (CE01)

4. Date Approval is effective: 07/12/2011 Amendment Number: 5
5. I hereby accept and receive the Operations Specifications in this paragraph.

Newhall, Michael W., Chief Inspector

X Michael W Newhall

Date: 07/12/2011

A002 . Definitions and Abbreviations

HQ Control: 11/15/2010

HQ Revision: 05a

Unless otherwise defined in these operations specifications, all words, phrases, definitions, and abbreviations have identical meanings to those used in the Title 14 Code of Federal Regulations (CFR) Regulations and Title 49 United States Code as cited in Public Law 103-272, as amended. Additionally, the definitions listed below are applicable to operations conducted in accordance with these operations specifications.

**Bilateral Aviation
Safety Agreement
(BASA)**

An executive agreement concluded between the United States and a foreign country for the purpose of promoting aviation safety; also known as an Agreement for the Promotion of Aviation Safety.

Certificate Holder

In these operations specifications the term "certificate holder" shall mean the holder of the repair station certificate described in these operations specifications in Part A paragraph A001 and any of its officers, employees, or agents used in the conduct of operations under this certificate.

CFR

Code of Federal Regulations

Class rating

As used with respect to the certification, ratings, privileges, and limitation of aircraft within a category having similar operating characteristics.

**Domestic Repair
Station**

A certificated repair station located in the United States.

Exemption

An authorization that permits an alternate means of compliance with a specific CFR. The exemption must meet the procedural requirements of CFR 14, Part 11.

**FAA Accountable
Manager**

A person designated by the certificated repair station who is responsible for and has authority over all repair station operations that are conducted under 14 CFR Part 145, including ensuring that the repair station's personnel follow the regulations and serving as the primary contact with the FAA.

FAA Form 8000-4-1

The FAA Form 8000-4-1 has been replaced with the form contained within this operations specifications application (OPSS) for the generation of the 14 CFR Part 145 Repair Station Operations Specifications.

**Foreign Repair
Station**

A certificated repair station located outside of the United States.

**Geographic
Authorization**

An approval provided to a foreign repair station to perform maintenance support under contract for a U.S. air carrier, or operator of U.S. - registered aircraft under 14 CFR Part 129, at a location other

than the repair station facility. A geographic authorization is issued by the FAA to respond to the need of a U.S. air carrier or Part 129 foreign operator for maintenance at a station where the frequency and scope of that maintenance does not warrant permanently staffing and equipping the station for its accomplishment.

EASA

European Aviation Safety Agency

EASA Accountable
Manager

The manager who has corporate authority for ensuring that all maintenance required by the customer can be financed and carried out to the standard required by the EASA full member Authority.

Limited Rating

Rating issued to repair stations for the performance of maintenance on particular makes and models of airframes, powerplants, propellers, radios, instruments, accessories, and/or parts.

Limited Ratings -
Specialized Services

Rating issued for a special maintenance function when the function is performed in accordance with a specification or data acceptable to the Administrator.

Line Maintenance

Any unscheduled maintenance resulting from unforeseen events; or scheduled checks where certain servicing and/or inspections do not require specialized training, equipment, or facilities.

Maintenance

The inspection, overhaul, repair, preservation, and the replacement of parts, but excludes preventive maintenance.

Maintenance
Implementation
Procedures (MIP)

Procedures for implementing the provisions of a BASA that apply to maintenance.

MOE

Maintenance Organization Exposition - Pertains to European Aviation Safety Agency member countries that use an MOE in place of a Repair Station Manual and a Quality Control Manual.

Preventive
Maintenance

As defined in Appendix A subparagraph (c) of 14 CFR Part 43.

QCM

Quality Control Manual

RSM

Repair Station Manual

1. Issued by the Federal Aviation Administration .
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.



2011.07.12 12:43:58 Central Daylight Time
Location: WebOPSS
Digitally signed by Dennis Daley, Principal
Avionics Inspector (CE01)

4. Date Approval is effective: 07/12/2011 Amendment Number: 3
5. I hereby accept and receive the Operations Specifications in this paragraph.

Newhall, Michael W., Chief Inspector

A handwritten signature in black ink that reads "Michael W. Newhall".

Date: 07/12/2011

A003 . Ratings and Limitations

HQ Control: 01/30/2004

HQ Revision: 010

The Certificate Holder is authorized the following Ratings and/or Limitations:

Class Ratings

- Radio Class 1: Communications Equipment
- Radio Class 2: Navigational Equipment
- Radio Class 3: Radar Equipment
- Airframe Class 3: All-Metal Construction of Small Aircraft

Limited Ratings

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Airframe	Hawker	All 300,B300, 350, 390,	Limited to installation, alteration, and repair of radio and instrument systems, including installation of system components, antennas, wiring, mounts, bulkhead connectors, instrument panels & sub panels, and interfaces with other installed avionics equipment. All work to be performed in accordance with the applicable airframe and/or appliance manufacturer's instructions or other approved data.
	Beechcraft	400,400A,400XP,800,800XP,850XP and 900XP Series	
	Lear	All 30 Series	
	Cessna	500 Series, 525 Series, 550 Series, S550, 560 Series, 560XL	
	Mitsubishi	All MU-300 Series	
	Dassault-Breguet	AMD-10-10 (Falcon 10)	
	Hawker Beechcraft	HS125-700	
Gulfstream	G200		
ALL	ALL	Altimeter Systems and Altitude Reporting Equipment Tests and Inspections: Test and inspect altimeter, static and automatic altitude reporting systems equipment in accordance with CFR 14, Part 43, Appendix E.	

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
	ALL	ALL	Emergency Locator Transmitter (ELT) Limited to installation, replacement, and inspection of system components, antennas, wiring, and connectors. All work to be performed in accordance with the applicable airframe and/or manufacturers instructions or other approved data.
	ALL	ALL	Nickel cadmium / lead acid batteries. all makes / models. Limited to repair, testing and reconditioning of nickel cadmium and lead acid batteries. Repair / testing of battery monitoring systems, battery-sensors, and emergency battery packs. All work to be performed in accordance with applicable airframe and/or manufacturers instructions or other approved data.
	Mid-Continent	MD421 PN 9015607	Emergency Power Supplies Maintained in Accordance with Airframe and/or Manufacturers Instructions or other approved data.
	L3 Communications ()	PS-823,PS-834(),PS-835(),PS-850(),PS-855	Emergency Power Supplies Maintained in Accordance with Airframe and/or Manufacturers Instructions or other approved data.
	Welding of Exhaust Stacks	Advisory Circular AC 43.13-1B, Chapter 4, Section 5, when it is determined that it is appropriate to the product being repaired, it is directly applicable to the repair being made, and it is not contrary to the manufacturer's data	Use the methods, techniques, and Practices prescribed in the current manufacturer's maintenance manual or instructions for continued airworthiness, or other methods, techniques, and practices acceptable to the Administrator.
PowerPlant	Pratt & Whitney	PT6A and JT15D - All Models	Line Maintenance / HSI

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
	Pratt & Whitney	PW305 A/B	Line Maintenance
	Pratt & Whitney	PW500 Series	Line Maintenance
	Williams International	FJ44-1A,-1AP,-2A,-2C,-3A/3A24 & FJ33	Line Maintenance
	Honeywell	APU 36-150	Line Maintenance
	Honeywell	TFE 731 - All Models	Maintain in accordance with Honeywell service manuals.
	Lycoming	All horizontally opposed, direct drive and geared engines having spur type reduction gears of 400 horsepower or less, excluding engines with gear driven superchargers.	
	Continental	All horizontally opposed, direct drive and geared engines having spur type reduction gears of 400 horsepower or less, excluding engines with gear driven superchargers	
Instruments	Edo-Aire	Century I, II, III, and IV Autopilot	
	Bendix / King	KFC 150, 200, 225, 250, and 300 Series Autopilots	
	Bendix / King	KI-201(), KI-202(), KI-203(), KI-204(), KI-206(), KI-207(), KI-208(), KI-209(), KI-211(), KI-213(), KI-214(), KI-226(), KI-229(), and KI-525() Nav Indicators	
	Bendix / King	KMD-540 Multi-Function Display	Limited to installation and/or replacement of optional modules.
	Collins / STEC	IND-350() and IND-351() NAV Indicators	
	STEC	System 40, 50, 55, 60, and 65 Series Autopilots	
	ALL	All Models of Altimeters and Altitude Reporting Equipment	Limited to external adjustment of barometric scale and altitude readout only. All adjustments to be performed in accordance with appropriate manufacturer's

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
			instructions.
Nondestructive Inspection, Testing, and Processing	ALL	All Models	Liquid penetrant Inspection in accordance with Elliott Aviation NDT procedures manual NDT-02, Eddy Current Inspection in accordance with Elliott Aviation NDT procedures manual NDT-03, manufacturer's instructions, or other data approved by the Administrator.

Limited Ratings - Specialized Services

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
Dynamic Propeller Balancing	ACES Model 1000 Pro Balancer User Model 1000-OM-03	Use the methods, techniques, and practices prescribed in the current manufacturers maintenance manual or Instructions for Continued Airworthiness, or other methods, techniques, and practices acceptable to the Administrator.

-
1. The Certificate Holder applies for the Operations in this paragraph.
 2. Support information reference:
 3. These Operations Specifications are approved by direction of the Administrator.



2011.01.25 09:04:13 Central Standard Time
Location: WebOPSS
Digitally signed by James W Konig,
Principal Maintenance Inspector (CE01)

4. Date Approval is effective: 01/25/2011 Amendment Number: 18
5. I hereby accept and receive the Operations Specifications in this paragraph.

Newhall, Michael W., Chief Inspector

Michael W Newhall

Date: 01/25/2011

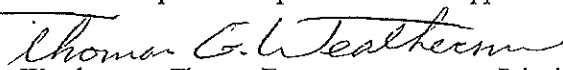
A004. Summary of Special Authorizations and Limitations

HQ Control: 9/23/1998
HQ Revision: 010

a. The certificate holder, in accordance with the reference paragraphs, is authorized to:

	<u>Reference Paragraphs</u>
Conduct operations choosing to have an antidrug and alcohol misuse prevention program.	A449
Perform work, excluding continuous operations, at additional locations other than at its primary Fixed Location.	D100
b. The certificate holder is <i>not authorized</i> and <i>shall not</i> :	
Use Exemptions.	A005
Use an approved electronic recordkeeping system and/or electronic signature.	A025
Perform maintenance with JAA ratings where the scope of work is authorized by the appropriate JAA form 3.	A060
Perform work, including continuous operations, at additional locations other than at its primary fixed location.	A101
Perform maintenance in accordance with foreign repair station geographic authorizations.	B050
Perform line maintenance for certificate holders conducting operations under 14 CFR Parts 121, 125, and 135, and for foreign carriers or foreign persons operating a U.S.-registered aircraft in common carriage under 14 CFR Part 129.	D107

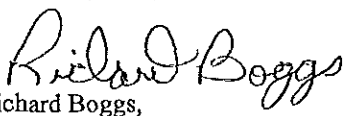
-
1. Issued by the Federal Aviation Administration.
 2. These Operations Specifications are approved by direction of the Administrator.


Weatherman, Thomas E,

Principal Maintenance Inspector

CE01

3. Date Approval is effective: 2/12/04 Amendment Number: 1
4. I hereby accept and receive the Operations Specifications in this paragraph.

X 
Richard Boggs,

Chief Inspector

Date: 2/12/04

A007. Designated Persons

HQ Control: 12/19/06
HQ Revision: 030

a. The personnel listed in the following table are designated to officially apply for and receive operations specifications for the certificate holder indicated below.

Table 1 – Designated Persons to Apply for and Receive Authorizations

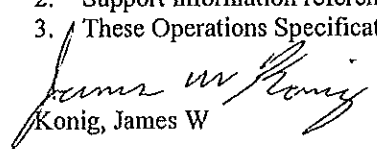
Title	Name	Parts Authorized
Agent for Service / Vice President of Technical Services	Michalski, Richard S.	A,D
FAA Accountable Manager, 145 / Chief Inspector	Newhall, Michael W.	A,D

b. The following personnel listed in Table 2 are designated by the certificate holder to receive Information for Operators (INFO) messages for the certificate holder as indicated below. A receipt for the information by an operator or person is not required.

Table 2 – Designated to Receive INFO Messages

Name	Email Address	Telephone No.	Type of Information to Receive
Newhall, Michael W.	mnewhall@elliottaviation.com	Phone (515)285-6551 FAX (515)285-7251	ALL
Michalski, Richard S.	rmichalski@elliottaviation.com	Phone (515)285-6551 FAX (515)285-7251	ALL

1. Issued by the Federal Aviation Administration.
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.


Konig, James W

Principal Maintenance Inspector

CE01

4. Date Approval is effective: 4/2/09

Amendment Number: 9

5. I hereby accept and receive the Operations Specifications in this paragraph.

X 
Newhall, Michael W.

FAA Accountable Manager, 145

Date: 4/2/09

A449 . Antidrug and Alcohol Misuse Prevention Program

HQ Control: 07/17/2009

HQ Revision: 00a

- a. The Part 145 repair station certificate holder has elected to implement an Antidrug and Alcohol Misuse Prevention Program, because the certificate holder performs safety-sensitive functions for a 14 CFR Part 121, and 135 certificate holder and/or for a 14 CFR Part 91 operator conducting operations under Section 91.147.
- b. The certificate holder certifies that it will comply with the requirements of 14 CFR Part 120 and 49 CFR Part 40 for its Antidrug and Alcohol Misuse Prevention Program.
- c. Antidrug and Alcohol Misuse Prevention Program records are maintained and available for inspection by the FAA's Drug Abatement Compliance and Enforcement Inspectors at the location listed in Table 1 below:

Table 1

Location & Telephone of Antidrug and Alcohol Misuse Prevention Program Records:	
Telephone Number:	AI (515) 285-6551
Address:	2800 McKinley
Address:	N/A
City:	Des Moines
State:	IA
Zip code:	50321

d. Limitations and Provisions.

- (1) Antidrug and Alcohol Misuse Prevention Program inspections and enforcement activity will be conducted by the Drug Abatement Division. Questions regarding these programs should be directed to the Drug Abatement Division.
- (2) The certificate holder is responsible for updating this operations specification when any of the following changes occur:
 - (a) Location or phone number where the Antidrug and Alcohol Misuse Prevention Program Records are kept.
 - (b) If the certificate holder's number of safety-sensitive employees goes to 50 and above, or falls below 50 safety-sensitive employees.
- (3) The certificate holder with 50 or more employees performing a safety-sensitive function on January 1 of the calendar year must submit an annual report to the Drug Abatement Division of the FAA.
- (4) The certificate holder with fewer than 50 employees performing a safety-sensitive function on January 1 of any calendar year must submit an annual report upon request of the Administrator, as specified in the regulations.

The certificate holder has fewer than 50 safety-sensitive employees.

1. The Certificate Holder applies for the Operations in this paragraph.
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.



2010.11.12 09:52:57 Central Standard Time
Location: WebOPSS
Digitally signed by James W Konig,
Principal Maintenance Inspector (CE01)

4. Date Approval is effective: 11/12/2010 Amendment Number: 4
5. I hereby accept and receive the Operations Specifications in this paragraph.

Newhall, Michael W., Chief Inspector

A handwritten signature in cursive script that reads "Michael W Newhall".

Date: 11/12/2010

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PART D - Additional Maintenance Authorizations & Limitations

	HQ CONTROL DATE	EFFECTIVE DATE	AMENDMENT NUMBER
100 Work to be Performed at a Place Other Than the Repair Station Fixed Location(s)	11/16/04	12/13/04	2
107 Line Maintenance Authorization	11/16/04	(Not used)	

D100. Work to be Performed at a Place Other Than the
Repair Station Fixed Location(s)

HQ Control: 11/16/04
HQ Revision: 050

- a. The certificate holder may perform work at a place other than its Fixed Location (as listed in paragraph A001, and paragraph A101 if issued, of these operations specifications) provided it has the facilities, material, equipment and technical personnel to perform the work authorized in the following table.

Table 1

Work Authorized	Repair Stations Manual References	Quality Control Manual References
Maintenance as authorized in Paragraph A003 on a recurring basis	Section 6	N/A

- b. The certificate holder may not perform continuous operation at a facility other than the station's Fixed Location listed in paragraph A001, and paragraph A101 if issued.
- c. Line Stations. Privileges of a line station, as set forth by the EASA certificate and scope of work and located within the country where the main facility is domiciled are listed in Table 1 are authorized.
- d. Work may be due to a special circumstance or on a recurring basis. If on a recurring basis, the repair station must have procedures in its manual.

1. Issued by the Federal Aviation Administration.
2. These Operations Specifications are approved by direction of the Administrator.

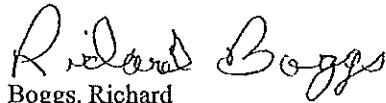

Weatherman, Thomas E.

Principal Maintenance Inspector

CE01

3. Date Approval is effective: 12/13/04
4. I hereby accept and receive the Operations Specifications in this paragraph.

Amendment Number: 2

X 
Boggs, Richard

Chief Inspector

Date: 12/13/04

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OMB approved 2120-0535/0571

CONSORTIUM MEMBER
ANTIDRUG PLAN/AMPP CERTIFICATION STATEMENT

New Plan Plan Amendment

1. Consortium Name: NADE NATIONAL ASSOCIATION OF DRUG FREE EMPLOYEES
Address: 811 Jericho Turnpike
City: SMITHTOWN State: NY Zip: 11787
Telephone Number: (voice) 516-361-6287 (fax) 516-361-8893
Consortium Plan Identification Number: E-EA-00010/11-U

Karl S. Solerdi for Charlotte Cirko 9/24/98
Signature Consortium ADPM Typed/Printed Name Consortium ADPM
Date

2. Company/Operator Name: ELLIOTT AVIATION
d/b/a (if applicable) _____
Address: 2800 MCKINLEY AVE
City: DES MOINES State: IA Zip: 50321
Telephone number: (voice) (515) 285-6531 (fax) (515) 285-7251

3. Company/Operator Antidrug Program Manager (ADPM): Charles R. Stackton

Type of Operator:	FAA Operating Certificate	Issue Date
<input type="checkbox"/> Part 121.		
<input checked="" type="checkbox"/> Part 135.	JEMA 166F	ISSUED 12/10/84 AMENDED 4/19/95
<input type="checkbox"/> Part 135.1(c) operator (sightseeing only).	N/A	N/A
<input checked="" type="checkbox"/> Part 145 (repair station)	JEMR 166F	Oct 5, 1959
<input type="checkbox"/> ATC facility.	N/A	N/A
<input type="checkbox"/> Contractor.	N/A	N/A

RECEIVED-FAA
DRUG ABATEMENT DIVISION
98 OCT -5 AM 8:51

FOR FAA USE ONLY

Plan Identification Number E-EA-00010-U (B-CE-039)

OCT 28 1998

APPROVED

Vicky McInerney

Drug Abatement Division
Federal Aviation Administration

JUN 06 1994



U.S. Department
of Transportation
Federal Aviation
Administration

COPY

800 Independence Ave. S.W.
Washington, D. C. 20591

June 1, 1994

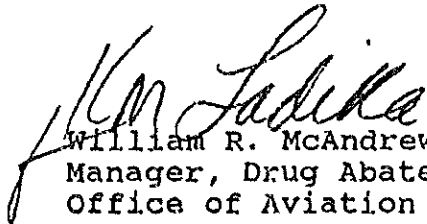
Plan ID Number: E-EA-00010-U
[B-CE-039]

Warren L. Tanner
Elliott Flying Service, Inc. (DSM)
Des Moines International Airport
2800 McKinlay Ave.
Des Moines, IA 50315-0303

Dear Mr. Tanner:

When we approved your antidrug plan, we assigned an incorrect identification number. Please note your new plan number shown at the top of this letter.

Sincerely,



William R. McAndrew
Manager, Drug Abatement Division
Office of Aviation Medicine



U.S. Department
of Transportation
Federal Aviation
Administration

800 Independence Ave., S.W.
Washington, D.C. 20591

NOV 13 1989

NOV 02 1989

COPY

Plan Identification No. E-EA-00010-U[BGL039]

Mr. Warren L. Tanner
Elliott Flying Service, Inc.
Des Moines International Airport
2800 McKinley Avenue
Des Moines, IA 50315-0303

Dear Mr. Tanner:

I am pleased to inform you that your enclosed anti-drug plan has been approved by the Federal Aviation Administration (FAA). Under the terms of this approval, you are authorized to begin testing covered employees on December 21, 1989. You may implement other provisions of your program such as employee education and training prior to the commencement of testing. This approval is also contingent on your continuing association with the National Association of Drug-Free Employees Consortium as specified in your plan. Should you terminate or modify the terms of your consortium membership, you must notify FAA, and submit an alternative plan for meeting the requirements of the drug testing program. Your plan has been issued the unique identification number shown above. Please be sure to include this number in any communication to the FAA regarding your program.

Federal Aviation Regulations require submission of semiannual and annual reports to the FAA Office of Aviation Medicine. Initial reports should be submitted by August 15, 1990, and should cover the period from initial implementation of your program through June 30, 1990. A sample reporting format is enclosed. Reports may be submitted directly to FAA, or through your approved consortium, depending on the terms of your membership.

Please feel free to contact this office if you have any questions regarding the FAA Anti-Drug Program.

Sincerely,

for *K.M. Ladika*
Heidi Mayer
Manager, Drug Abatement Branch
Office of Aviation Medicine

Enclosures

cc: National Association of Drug-Free Employees Consortium