HOBBS 1666.2 A P KING KFC 200

RECEIVED FAA APR 16 1997 IN FSDO NASHVILLE

US 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
NASHVILLE 80 FSDO-03

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 bylaw (49 U.S.C. 1421). Failureto report can result in a civil penalty not to exceed $1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make: BEECH	Model: 58
	Serial No.: TH 1286	Nationality and Registration Mark: N257MD
2. Owner	Name *(As shown on registration certificate)*: BURTON HARRY	Address *(As shown on registration certificate)*: 23 E. FOREST ROAD ASHVILLE, NC. 28803-2909

3. For FAA Use Only

4. Unit Identification / 5. Type

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

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
ERNEST W. COLBERT Cornelia Fort Airport Post Office Box 60627 Nashville, TN 37206	X U.S. Certificated Mechanic Foreign Certificated Mechanic Cerbficated Repair Station Manufacturer	A & P 445788

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	Signature of Authorized Individual
4-11-97	Ernest W. Colbert

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	Certificate or Designation No.	Signature of Authorized Individual
4-11-97	529210 1.A	Thurston A. Thorn

FAA Form 337 (12-88)

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.)

I. Aircraft modified to Colemill Enterprises, Inc. "FOXSTAR" per STC SA1762SO dated 03/18/85 and drawing #76000 revised 03/18/85 with the installation of two Teledyne Continental I0550C Engines and two Hartzell HC-C4YF-2E Propellers, and Hartzell D4511P Spinners, Nose Cowling per Colemill P/N 74000-1, and Winglets per Colemill P/N 66000-50 and 66000-51 approved Flight Manual Supplement dated 02/21/95 Installed in P.O.H.

II. Fuel flow gauge removed and Shadin fuel flow totalizer P/N 910522 installed in accordance with STC SA486GL and Report #4023.

WEIGHT AND BALANCE

Equipment list and weight and balance updated and installed in P.O.H.

It has been determined by Flight Test, that Auto Pilot Model King KFC 200 previously installed is compatible with the above STC and will produce no adverse effect on airworthiness.

END

☐ Additional Sheets Are Attached

* U.S. GOVERNMENT PRINTING OFFICE: 1992-769-012/60157

United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA1762SO

This certificate, issued to Colemill Enterprises
P.O. Box 60627
Cornelia Fort Airpark
Nashville, TN 37206

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 *of the* Civil Air *Regulations.*

Original Product—Type Certificate Number: 3A16
Make: Beech Aircraft Corporation
Model: 95-C55, D55, E55 & 58

Description of Type Design Change:

Install two Teledyne Continental Model IO-550-C engines, Hartzell or McCauley propellers, nose cowling per Colemill P/N 74000-1, and winglets per Colemill P/N 66000-50 and -51, all per Colemill Enterprises' "Installation Instructions For Modification of Beachcraft Baron Model: C-55, D-55, E-55 & 58", dated September 14, 1984, or later FAA Approved Revisions.

Limitations and Conditions:

1. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any other previously

(See Page 2)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: July 26, 1984

Date of issuance: March 18, 1985

Date reissued: March 22, 1985

Date amended: February 4, 1991
February 21, 1995

By direction of the Administrator

Roger D. Anderson
(Signature)

Roger D. Anderson
Manager, Atlanta Aircraft
Certification Office
(Title)

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

This certificate may be transferred in accordance with FAR 21.47.

FAA Form 8110-2 (10-68)

United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number SA1762SO

Limitations and Conditions: (Continuation)

approved modifications will produce no adverse effect upon the airworthines of that airplane.

2. The following Colemill Enterprises' Airplane Flight Manual Supplements or later FAA approved revisions are required with this installation:

a. For Models 95-C55, D55, E55:
"Pilot's Operating Handbook and Airplane Flight Manual Supplement for Beechcraft Baron", dated March 18, 1985.

b. For Models 58, & 58A:
"Pilot's Operating Handbook and Airplane Flight Manual Supplement for Beechcraft Baron", dated March 18, 1985.

END

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

United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA486GL

This certificate, issued to Shadin Company, Inc.
6950 Wayzata Boulevard
Minneapolis, MN 55426

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 *of the* Civil Air *Regulations.* See Type Certificate Data Sheet No. 3A16 for complete certification basis.

Original Product — Type Certificate Number 3A16
Make: Beech
Model 95-C55, 95-C55A, D55, D55A, E55, E55A, 58, 58A, 56TC and A56TC

Description of Type Design Change.

Installation of a Shadin Company Fuel Flow Indicating System in accordance with Shadin Company Report Number 4023, revised April 22, 1985, or other FAA approved revision.

Limitations and Conditions:

This approval should not be extended to other airplanes of this model that incorporate any other previously approved modification, unless it is determined that the interrelationship between this change and any other previously approved modification will introduce no adverse effect on the airworthiness of these airplanes.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application. August 29, 1980 *Date reissued*

Date of issuance January 13, 1981 *Date amended* November 19, 1981, May 13, 1982
December 16, 1982, July 18, 1985

By direction of the Administrator

W. F. Horn *(Signature)*
Manager, Chicago Aircraft Certification Office
Central Region, ACE-115C
(Title)

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

This certificate may be transferred in accordance with FAR 21.47.

FAA Form 8110-2 (10-68)

FAA AIRCRAFT REGISTRY
CAMERA NO. 1N DATE: 3-20-95

US 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: GEORGIA FSDO 11

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 of 1958).

1. Aircraft	Make: Beechcraft	Model: B-58 Baron
	Serial No.: TH-1286	Nationality and Registration Mark: USA N-257MD
2. Owner	Name (As shown on registration certificate): Burton, Harry III	Address (As shown on registration certificate): 257 McDowell St. Ashville, NC 28803

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				

RECEIVED MAR 17 1995 GEORGIA FSDO

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
United Beechcraft Inc. FTY 3992 Aviation Circle Atlanta, GA 30336	U.S. Certificated Mechanic Foreign Certificated Mechanic XX Certificated Repair Station Manufacturer	ERYR682D

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: March 16,1994
Signature of Authorized Individual: Robert E. Brownell

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		Inspection Authorization	Other (Specify)
	FAA Designee	XX	Repair Station		Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
March 16 ,1994	ERYR682D	Robert E. Brownell

FAA Form 337 (12 88)

FAA AIRCRAFT REGISTRY
CAMERA NO: 1N DATE: 3-20-95

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.)

Removed the following Collins Equipment, AMR-350 audio amp., GLS-350 Glideslope Rec., ANS-351 RNAV system, both VHF-251 VHF Comm systems, both VIR-351 NAV Recievers, a IND-350A NAV Indicator, both PWR-150 power converters, and both VHF Comm Antenna's. Installed the following equipment, a Bendix/King KMA-24 audio amp., a Bendix/King KNS -80 RNAV system, a Bendix/King KY-196A VHF Comm system, a Bendix/King KX-155 NAV/COMM system with Glideslope reciever, a Bendix/King KI-204 NAV Indicator, a Bendix/King KA-120 tuning adapter, replaced both VHF Comm antenna's and installed two AFT intercomm positions for the existing nat AA80 intercomm system. The afore mentioned equipment were installed in accordance with the following installation manuals.

Bendix/King KMA-24 P/N 006-0180-00 JAN. 19979 REV. 0 Installation manual
Bendix/King KNS-80 P/N 006-0154-02 JULY 1979 REV. 2 Installation manual
Bendix/King KY-196A P/N 006-00695-0002 NOV. 1991 REV. 2 Installation manual
Bendix/King KX-155 P/N 006-0179-05 FEB. 1988 REV. 5 Installation manual
Bendix/King KI-204 P/N 006-0137-04 March 1988 REV.4 Installation manual
Bendix/King KA-120 P/N 006-0549-00 June 1982 REV. 0 Installation manual

All System's have been functionally checked in accordance with manufactures instructions and meets all specifications. The KNS-80 RNAV system is placarded "AREA NAVIGATION USE LIMITED TO VFR ONLY" PENDING IFR Approval.Electrical load checked and meets Beechcraft specifications. Compass accuracy checked good. See revised aircraft equipment list dated 3/16/94 for exact equipment locations and revised weight and balance. Log book entries completed this date. All details on work performed are on file under work order 11-05-14242 at this repair station.

END

☐ Additional Sheets Are Attached

☆U.S. GOVERNMENT PRINTING OFFICE: 1992-769-012/60157

FAA AIRCRAFT REGISTRY
CAMERA NO. IN DATE: 1-21-94

US 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
GEORGIA FSDO 11
7011

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 of 1958).

1. Aircraft	Make: Beechcraft	Model: B-58 Baron
	Serial No.: TH-1286	Nationality and Registration Mark: USA N-257MD
2. Owner	Name (As shown on registration certificate): Burton, Harry III	Address (As shown on registration certificate): 257 McDowell St. Ashville, NC 28803

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				

RECEIVED
AUG 06 1993
GEORGIA FSDO

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
United Beechcraft Inc. FTY 3992 Aviation Circle Atlanta, GA 30336	U.S. Certificated Mechanic Foreign Certificated Mechanic XX Certificated Repair Station Manufacturer	ERYR682D

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	Signature of Authorized Individual
August 5,1993	Steve Gregoris

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 XX APPROVED ☐ REJECTED

BY						
	FAA Flt. Standards Inspector		Manufacturer		Inspection Authorization	Other (Specify)
	FAA Designee	XX	Repair Station		Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
August 5,1993	ERYR682D	Steve Gregoris

FAA Form 337 (12-88)

FAA AIRCRAFT REGISTRY
CAMERA NO. 1N1 DATE: 1-21-94

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 BFGoodrich 1000+ stormscope system consisting of # 78-8060-5900-8 display # 78-8051-9160-4 processor and # 78-8051-9200-8 antenna. System installed in accordance with 3M Stormscope installation manual # 78-0299-7885-7 and AC 43.13.2A. Installed Bendix / King KT-76a Transponder with Terra AT-3000 blind encoder. Transponder and encoder were installed in accordance with Bendix / King manual # 006-0143-04 revision 4 dated March 1992. Terra encoder installed in accordance with manual # 1900-4099-00 revision B, ECO #804. g. Followed approiate guidelines of AC 43.13.2A and checked systems in accordance with FAR 91.411 and 91.413. Removed Sperry P-200 radar system. Installed Bendix / King RDS-82VP Radar System consisting of the following: # 066-3084-32 Antenna / 12" array and # 066-3084-323 Indicator. System installed in accordance with Bendix / King installation manual # 006-00955-0006 revision 6 dated March 1992. Removed existing 3" turn and bank indicator and installed 2' T&B. Relocated suction gauge to copilots instrument panel. Installed King service bulletin KI-525A-1 adding heading synchro to HSI indicator. All work performed in accordance with AC 43.13.2A and all equipment manufactures installation instructions. All electrical loads checked on busses new wiring wired to in accordance with manufactures specifications. All wiring and electrical parts used meet approiate MIL Specifications. See revised aircraft equipment list dated 8/5/93 for current weight and balance and exact equipment locations. All work on file this repair station under work order 1105013360.

END

☐ Additional Sheets Are Attached

☆U.S. GOVERNMENT PRINTING OFFICE: 1992-769-012/60157

FAA AIRCRAFT REGISTRY
CAMERA NO. 1 DATE: 11-27-90

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION

STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS	2. MANUFACTURER AND MODEL	3. AIRCRAFT SERIAL NUMBER	4. CATEGORY
N257MD	BEECH 58	TH-1286	NORMAL

5. AUTHORITY AND BASIS FOR ISSUANCE

This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.

Exceptions:

NONE

6. TERMS AND CONDITIONS

Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

DATE ISSUED	FAA REPRESENTATIVE	DESIGNATION NUMBER
REPLACEMENT 08/14/81	DENNIS A. SCARFEO	SO-FSDO-05

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding $1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

FAA Form 8100-2 (8-82) GPO 892-804

FAA AIRCRAFT REGISTRY
CAMERA NO. 1 DATE: 11-27-90

FAA AIRCRAFT REGISTRY
CAMERA NO. 1 DATE: 11-27-90

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION

STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS	2. MANUFACTURER AND MODEL	3. AIRCRAFT SERIAL NUMBER	4. CATEGORY
N1832K	BEECH AIRCRAFT CORP. 58	TH-1286	NORMAL

5. AUTHORITY AND BASIS FOR ISSUANCE
This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.
Exceptions:

NONE

6. TERMS AND CONDITIONS
Unless sooner surrendered, suspended, revoked, or a terminating date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

DATE OF ISSUANCE	FAA REPRESENTATIVE	DESIGNATION NUMBER
August 14, 1981	D. M. Porreous	DOA, PC#8

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding $1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

FAA Form 8100-2 (7-67) FORMERLY FAA FORM 1362

U.S. Government Printing Office

FAA AIRCRAFT REGISTRY
CAMERA NO. 1 DATE: 11-27-90

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 7-20-87

FAA

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION
SW-FSDO-64 GY

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.

1. AIRCRAFT	MAKE: Beechcraft	MODEL: Baron 58
	SERIAL NO.: TH-1286	NATIONALITY AND REGISTRATION MARK: N1832K
2. OWNER	NAME (As shown on registration certificate): Sam Ctinger Environmental Leasing	ADDRESS (As shown on registration certificate): P.O. Box 5901 Kingwood Texas 77325

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION

UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE: REPAIR	5. TYPE: ALTERATION
AIRFRAME	(As described in item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
Conroe Avionics Inc. P.O. Box 546 Conroe Texas 77301	U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC X CERTIFICATED REPAIR STATION MANUFACTURER	262-4

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: 10-18-86

SIGNATURE OF AUTHORIZED INDIVIDUAL: Donald Scott Allen

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		INSPECTION AUTHORIZATION	OTHER (Specify)	
	FAA DESIGNEE	X	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL
10-18-86	262-4	Charles V. Brown

FAA Form 337 (7-67)

(8320)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 7-20-87

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 the following equipment:

Items: 1- Northstar M1001 Loran C receiver SN 11628
2- Comant CI-121P Bent Whip Antenna
3- Northstar antenna coupleerPN 1011

Item 1 mounted in existing center radio rack
Item 2 Antenna mounted on Bottom of fuselage at station 151
Item 3 mounted on rib at station 151

The following data was used as guidelines for the alteration:

1 Northstar installation manual PN GM295 REV:F
2 AC43.13-1A Chapter 11
3 AC43.13-2A Chapter 1
4 AC43.13-2A Chapter 2 paragraphs 21, 22, 23, 24 and 27
5 AC43.13-2A Chapter 3
6 AC20-121 paragraph 6.2 appendix 1 paragraph 3.1, 2, 3.

System placard "Loran C Not Approved for IFR"
Loran C NAV CDI output coupled to existing NAV #2 CDI input.
Loran C does not interfere with the normal operation of other equipment installed in aircraft.
Loran C pilots operating manual in aircraft
The aircraft equipment list was revised.
The weight & balance was corrected.

☐ ADDITIONAL SHEETS ARE ATTACHED

☆U.S. GOVERNMENT PRINTING OFFICE: 1977—771-021/290

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 8-16-85

10

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION PE 7.0-5

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.

1. AIRCRAFT	MAKE: Beechcraft	MODEL: 58
	SERIAL NO.: TH-1286	NATIONALITY AND REGISTRATION MARK: N1832K
2. OWNER	NAME (As shown on registration certificate): Tomac, Inc.	ADDRESS (As shown on registration certificate): 1951 SW Winners Drive, Stuart, Florida 33494

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION / **5. TYPE**

UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	(As described in item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

RECEIVED
SO-GADO-R
APR 4 1983
ST. PETERSBURG
FLORIDA

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
Hangar One, Inc. P. O. Box 30100 Tampa, FL 33630	U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC X CERTIFICATED REPAIR STATION MANUFACTURER	764-85

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	SIGNATURE OF AUTHORIZED INDIVIDUAL
March 24, 1983	Kenneth G. Hostnick

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							OTHER (Specify)
		FAA FLT. STANDARDS INSPECTOR		MANUFACTURER		INSPECTION AUTHORIZATION	
		FAA DESIGNEE	X	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL

FAA Form 337 (7-67) (8320)

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 8-16-85

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.)*

Removed following items from forward equipment shelf: Collins PWC 150 (dual) power converters, three Collins power supplies, and one Collins junction box. Shortened equipment shelf to a length of 17".

Installed Sperry Primus 200 Color Radar consisting of MI 585280-1 RTA mounted to fabricated plate at STA-27 and MI 585277-3 Indicator mounted in equipment stack. Relocated Collins PWC 150, power supplies, and junction box to fabricated shelf in nose compartment.

Revised equipment list weight and balance information

All work in accordance with AC 43.13-2, Chap #1, Para. 10 & 14; Chap #2, Para 01, 22, 23, 24, 25 & 27.

----------END----------

☐ ADDITIONAL SHEETS ARE ATTACHED

☆ U.S. GPO: 1981 - 775-332/47

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 8-16-85

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY
OFFICE IDENTIFICATION
DIE 7-0-67

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.

1. AIRCRAFT	MAKE: Beechcraft	MODEL: 58
	SERIAL NO.: TH1286	NATIONALITY AND REGISTRATION MARK: N1832K
2. OWNER	NAME (As shown on registration certificate): Hangar One, Inc.	ADDRESS (As shown on registration certificate): Two Park Place P.O. Box 19879 Atlanta, Ga. 30325

3. FOR FAA USE ONLY

The [redacted] data identified herein complies with the applicable airworthiness requirements and is approved only for the above described aircraft subject to conformity inspection by a person authorized in FAR 43.7.

FAA Inspector: [signature] Date: 3-14-83

4. UNIT IDENTIFICATION / **5. TYPE**

UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	(As described in item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE / MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
Hangar One, Inc. P.O. Box 30100 Tampa, Fla. 33630	U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC X CERTIFICATED REPAIR STATION MANUFACTURER	764-85

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: March 4, 1983
SIGNATURE OF AUTHORIZED INDIVIDUAL: [signature]

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 X APPROVED ☐ REJECTED

	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)	
	FAA DESIGNEE	X REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL
3-14-83	764-85	[signature]

FAA Form 337 (7-67) (8320)

CAMERA NO. 3 DATE: 8-26-85

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.)*

This is a supplement to the FAA Form 337 dated March 3, 1983. The purpose of this 337 is approval of the installed RNAV equipment for IFR and approach categories.

This aircraft was test flown on March 4, 1983 and the installed Collins ANS351 RNAV system was found to meet the requirements of AC 90.45A Appendix A Para 2 & 3.

Area navigation system is approved for IFR enroute, terminal and approach categories.

END

☐ ADDITIONAL SHEETS ARE ATTACHED

☆ U.S. GPO: 1981 - 775-332/47

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 8-16-85

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DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY
OFFICE IDENTIFICATION
PIE 7-0-64

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.

1. AIRCRAFT	MAKE: Beechcraft	MODEL: 58
	SERIAL NO.: TH1286	NATIONALITY AND REGISTRATION MARK: N1832K
2. OWNER	NAME (As shown on registration certificate): Hangar One, Inc.	ADDRESS (As shown on registration certificate): Two Park Place P.O. Box 19879 Atlanta, Ga. 30325

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION / 5. TYPE

UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	(As described in item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE / MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
Hangar One, Inc. P.O. Box 30100 Tampa, Fla. 33630	U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC X CERTIFICATED REPAIR STATION MANUFACTURER	764-85

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	SIGNATURE OF AUTHORIZED INDIVIDUAL
March 3, 1983	

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							OTHER (Specify)
		FAA FLT. STANDARDS INSPECTOR		MANUFACTURER		INSPECTION AUTHORIZATION	
		FAA DESIGNEE	X	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL
March 3, 1983	764-85	

FAA Form 337 (7-67) (8320)

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 8-16-85

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 Collins ANS351 area navigation unit in radio stack area of instrument panel. Unit is electrically connected to existing Collins VIR351 navigation receiver, Collins DME451 DME and King KI525A P.N.I.

Annunciate light provided to annunciate RNAV H.S.I. deviation.

Revised equipment list, weight and balance information.

All work in accordance with AC 43.13-2 Chap #1, Para 10 & 11; Chap #2, Para 21, 22,23,24,25, 27.

System placarded "Area navigation use limited to VFR only, certification pending".

----------END----------

RECEIVED
SO - GADO - 8
MAR 4 1985
ST. PETERSBURG
FLORIDA

☐ ADDITIONAL SHEETS ARE ATTACHED

☆ U.S. GPO: 1981 - 775-332/47

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 8-16-85

(3) 11/19/81
4

Form Approved
Budget Bureau No. 04-R0058

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

APPLICATION FOR AIRWORTHINESS CERTIFICATE

INSTRUCTIONS—Print or type. Do not write in shaded areas; these are for FAA use only. Submit original only to an authorized FAA Representative. If additional space is required, use an attachment. For special flight permits complete Sections II and VI or VII as applicable.

I. AIRCRAFT DESCRIPTION

1. REGISTRATION MARK	2. AIRCRAFT BUILDER'S NAME (make)	3. AIRCRAFT MODEL DESIGNATION	4. YR. MFG.	FAA CODING
N1832K	BEECH AIRCRAFT CORP.	58	1981	1152740
5. AIRCRAFT SERIAL NO.	6. ENGINE BUILDER'S NAME (make)	7. ENGINE MODEL DESIGNATION		17033
TH-1286	Continental	IO-520-CB		
8. NUMBER OF ENGINES	9. PROPELLER BUILDER'S NAME (make)	10. PROPELLER MODEL DESIGNATION		11. AIRCRAFT IS
2	Hartzell	PHC-J3YF-2UF		~~NEW~~ USED IMPORT

II. CERTIFICATION REQUESTED

APPLICATION IS HEREBY MADE FOR: (Check applicable items)

A 1 x STANDARD AIRWORTHINESS CERT. (Indicate category) x NORMAL UTILITY ACROBATIC TRANSPORT GLIDER BALLOON

B SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)

2	LIMITED								
5	PROVISIONAL (Indicate class)	1	CLASS I						
		2	CLASS II						
3	RESTRICTED (Indicate operation(s) to be conducted)	1	AGRICULTURE & PEST CONTROL	2	AERIAL SURVEYING	3	AERIAL ADVERTISING		
		4	FOREST (Wild life conservation)	5	PATROLLING	6	WEATHER CONTROL		
		0	OTHER (Specify)						
4	EXPERIMENTAL (Indicate operation(s) to be conducted)	1	RESEARCH AND DEVELOPMENT	2	AMATEUR BUILT	3	EXHIBITION		
		4	RACING	5	CREW TRAINING	6	MKT. SURVEY		
		0	TO SHOW COMPLIANCE WITH FAR						
8	SPECIAL FLIGHT PERMIT (Indicate operation to be conducted then complete Section VI or VII as applicable on reverse side)	1	FERRY FLIGHT FOR REPAIRS, ALTERATIONS, MAINTENANCE OR STORAGE						
		2	EVACUATE FROM AREA OF IMPENDING DANGER						
		3	OPERATION IN EXCESS OF MAX. CERTIFICATED TAKE-OFF WEIGHT						
		4	DELIVERING OR EXPORT	5	PRODUCTION FLIGHT TESTING				

C 6 MULTIPLE AIRWORTHINESS CERTIFICATE (Check appropriate Restricted Operation and Standard or Limited as applicable above)

III. OWNER'S CERTIFICATION

A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration) IF DEALER, CHECK HERE → x

NAME	ADDRESS
BEECH AIRCRAFT CORP.	9709 E. Central Wichita, Kansas 67201

B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)

x	AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.) 3A16, Rev. 60	x	AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.) Issue 81-14
	AIRCRAFT LISTING (Give page No(s).) N/A	x	SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated) SA773CE, SA1134CE

C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173	TOTAL AIRFRAME HOURS ~~(Enter for base aircraft only)~~	3	EXPERIMENTAL ONLY—Enter hours flown since last certificate issued or renewed
X	2:30		N/A

D. CERTIFICATION—I hereby certify that I am the owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Section 501 of the Federal Aviation Act of 1958, and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is airworthy and eligible for the airworthiness certificate requested.

DATE OF APPLICATION	NAME AND TITLE (Print or type)	SIGNATURE
8-14-81	R. J. Schoenherr - Foreman Flight Inspection	R. J. Schoenherr

IV. INSPECTION AGENCY VERIFICATION

A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY: (Complete this section only if FAR 21.183 (d) applies)

2	FAR PART 121 OR 127 CERTIFICATE HOLDER (Give Certificate No.)	3	CERTIFICATED MECHANIC (Give Certificate No.)	6	CERTIFICATED REPAIR STATION (Give Certificate No.)
5	AIRCRAFT MANUFACTURER (Give Name of Firm)				

DATE	TITLE	SIGNATURE

FAA REPRESENTATIVE CERTIFICATION

(Check ALL applicable blocks) I find that the aircraft described in Section I or VII meets the requirements for: [X] The certification requested, or [4] Amendment or modification of its current airworthiness certificate. Inspection for a special flight permit under Section VII was conducted by: [ ] FAA Inspector; certificate holder under [ ] FAR 65, [ ] FAR 121 or 127, or [ ] FAR 145.

DATE	DISTRICT OFFICE		DESIGNEE'S SIGNATURE AND NO.		FAA INSPECTOR'S SIGNATURE
8-14-81	ACE EMDO 3-0-43	4	D. M. Porteous, DOA, PC#8	1	

FAA Form 8130-6 (7-70)

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 8-16-85

VI. PRODUCTION FLIGHT TESTING

A. MANUFACTURER

NAME	ADDRESS

B. PRODUCTION BASIS *(Check applicable item)*

- [ ] PRODUCTION CERTIFICATE *(Give production certificate number)*
- [ ] TYPE CERTIFICATE ONLY
- [ ] APPROVED PRODUCTION INSPECTION SYSTEM

C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS:

DATE OF APPLICATION	NAME AND TITLE *(Print or type)*	SIGNATURE

VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST

A. DESCRIPTION OF AIRCRAFT

REGISTERED OWNER	ADDRESS
BUILDER *(Maker)*	MODEL
SERIAL NUMBER	REGISTRATION MARK

B. DESCRIPTION OF FLIGHT

FROM	TO	
VIA	DEPARTURE DATE	DURATION

C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT

- [ ] PILOT
- [ ] CO-PILOT
- [ ] NAVIGATOR
- [ ] OTHER *(Specify)*

D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:

E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION *(Use attachment if necessary)*

F. CERTIFICATION—I hereby certify that I am the registered owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Section 501 of the Federal Aviation Act of 1958, and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is airworthy for the flight described.

DATE	NAME AND TITLE *(Print or type)*	SIGNATURE

VIII. AIRWORTHINESS DOCUMENTATION (FAA use only)

X	A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable		G. Statement of Conformity, FAA Form 317 *(Attach when required)*
	B. Current Operating Limitations Attached		H. Foreign Airworthiness Certification for Import Aircraft *(Attach when required)*
	C. Data, Drawings, Photographs, etc. *(Attach when required)*		I. Previous Airworthiness Certificate Issued in Accordance with FAR _____ CAR _____ *(Original attached)*
X	D. Current Weight and Balance Information Available in Aircraft	X	J. Current Airworthiness Certificate Issued in Accordance with FAR 21.183 (a) per 21.273 *(Copy attached)*
	E. Major Repair and Alteration, FAA 337 *(Attach when required)*		
X	F. This Inspection Recorded in Aircraft Records		

C FAA AC 72-8655

GOVERNMENT PRINTING OFFICE 1980-673-026-68

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 8-16-85

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION

STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS	2. MANUFACTURER AND MODEL	3. AIRCRAFT SERIAL NUMBER	4. CATEGORY
N1832K	BEECH AIRCRAFT CORP 58	TH-1286	NORMAL

5. AUTHORITY AND BASIS FOR ISSUANCE
This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and that been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.
Exceptions:

NONE

6. TERMS AND CONDITIONS
Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

DATE OF ISSUANCE	FAA REPRESENTATIVE	DESIGNATION NUMBER
August 14, 1981	R. M. Torkelson	DOA, PC#8

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding $1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

FAA Form 8100-2 (7-67) FORMERLY FAA FORM 1362

U.S. Government Printing Office — 1976-675-638

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 8-16-85