VOLPAR

Accessories Required For Smokejumping:

Primary Vertical Anchor & Floor Platform: MEDC-747- Primary Vertical Static-line Anchor
STC Strength: 2,000 pounds
STC #: SA1599NM

Secondary Horizontal Anchor: MEDC-758- Volpar Horizontal Anchor Track
STC Strength: 750 pounds
STC #: SA2740NM

Jump Step & Attachment: MEDC-799- Volpar Step
MEDC-794- Universal Step Strut
United States of America
Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA1599NM

This certificate, issued to
United States Forest Service
MEDC, Building #1
Missoula, Montana 59801

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

Original Product — Type Certificate Number: T.C. 765
Make: Beech
Model: HI8 as modified by Volpar BE8T conversion

Description of Type Design Change:
Installation of static-line anchor-cable in accordance with Federal Aviation
Administration (FAA) sealed Drawing Number MEDC-747 dated August 1984, FAA approved
January 2, 1985, or subsequent approved revisions.

Limitations and Conditions:
This approval limited to Volpar BE8T conversions. This approval should not be
extended to other aircraft of this model on which other previously approved
modifications are incorporated unless it is determined that the interrelationship
between this change and any other previously approved modification will introduce no
adverse effect upon the airworthiness of the aircraft.

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

Date of application: June 19, 1984
Date of issuance: January 7, 1985

By direction of the Administrator
Woodford R. Boyce, Manager
Denver Aircraft Certification Office
Northwest Mountain Region, Aurora, Colorado

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.
Mr. Lee I. Northcutt, Director
Missoula Equipment Development Center, USFS
Building #1 - Fort Missoula
Missoula, Montana 59801

Dear Mr. Northcutt:

Project No. A1093NMD-S

We have received and reviewed your revised data received by us on December 28, 1984.

With these data, the conformity inspection and test results of September 26, 1984, performed in Anchorage, Alaska, you have demonstrated compliance with the applicable certification regulations. Accordingly, we have enclosed Supplemental Type Certificate (STC) SA1599NM, installing static-line vertical anchor cable in the Volpar BE8T conversion of the Beech H18 series aircraft, and Federal Aviation Administration (FAA) sealed copy of your Top Drawing MEDC 747.

This STC is official FAA approval of your installation and may be used to authorize identical installations on other aircraft of the same model, subject to the limitations noted on the certificate. It may be transferred or otherwise made available to another party by means of a licensee arrangement in accordance with Federal Aviation Regulations (FAR) 21.47. You are requested to advise this office within 30 days after the transfer when you transfer or grant licensee rights to the STC in order that we may take the necessary recording or reissuance action.

As recipient of this approval, except as provided in FAR 21.3(d), you are required to report any failure, malfunction, or defect in any product or part manufactured by you that you have determined has resulted or could result in any of the occurrences listed in FAR Part 21.3(c). The report should be communicated initially by telephone to the Manager, Denver Aircraft Certification Office, telephone number (303) 340-5575, within 24 hours after it has been determined that the failure has occurred. In addition, written notification to the Manager, ANM-170D, at the above address is required. FAA Form 8330-2 (Malfunction or Defect Report) or any other appropriate format is acceptable in transmitting the required details.
If you plan to manufacture replacement or modification parts for sale in conformance with approved data listed on the Certificate, you are required to comply with FAR 21.303. A Parts Manufacturer Approval (PMA) may be issued under the provisions of FAR 21.303(d) when you submit a statement certifying that you have established a fabrication inspection system as required by FAR 21.303(h). The identification requirements for parts produced under a PMA are in FAR 45.15. Your statement may be in letter form, with a reference to the STC number, and should be addressed to: Federal Aviation Administration, Denver Aircraft Certification Office, 10455 E. 25th Avenue, Suite 307, Aurora, Colorado 80012.

Sincerely,

[Signature]

Woodford R. Boyce
Manager

Enclosures
United States of America
Department of Transportation—Federal Aviation Administration
Supplemental Type Certificate

Number SA274ONM

This certificate, issued to United States Forest Service
MEDC, Building #1 - Fort Missoula
Missoula, Montana 59801

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

Original Product—Type Certificate Number: T.C. 765
Make: Beech
Model: H18 as modified by Volpar BE8T conversion

Description of Type Design Change:
Installation of overhead cargo-dropper tether anchor in accordance with
Federal Aviation Administration (FAA) sealed Drawing Number MEDC-758 dated
September 1985, FAA approved March 20, 1986 or subsequent approved revisions.

Limitations and Conditions:

This approval should not be extended to other aircraft of this model on
which other previously approved modifications are incorporated unless it is
determined that the interrelationship between this change and any other
previously approved modification will introduce no adverse effect upon the
airworthiness of the aircraft.

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

Date of application: November 25, 1984
Date of issuance: March 20, 1986

By direction of the Administrator

Woodford H. Boyce, Manager
Denver Aircraft Certification Office
Northwest Mountain Region, Aurora, Colorado

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.
INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

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TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number ________________________________

to (Name of transferee) _________________________________________________________________

(Address of transferee) ________________________________________________________________

(Number and street) __________________________________________________________________

(City, State, and ZIP code) ____________________________________________________________

from (Name of grantor) (Print or type) __________________________________________________

(Address of grantor) _________________________________________________________________

(Number and street) __________________________________________________________________

(City, State, and ZIP code) ____________________________________________________________

Extent of Authority (if licensing agreement): ______________________________________________

Date of Transfer: ________________________________

Signature of grantor (In ink): ___________________________________________________________
MAR 25 1986

U.S. Forest Service
MEDC, Building #1 - Fort Missoula
Missoula, Montana 59801

Gentlemen:

Project No. A1197NMD-S

We have completed our evaluation of your supplemental type certificate (STC) project and find that you have satisfactorily demonstrated compliance with the applicable certification regulations. Accordingly, we have enclosed STC No. SA2740NM for the installation of overhead cargo-dropper tether anchor in Beech H18 as modified by Volpar BE8T conversion.

This STC is official FAA approval of your installation and may be used to authorize identical installations on other aircraft of the same model, subject to the limitations noted on the certificate. It may be transferred or otherwise made available to another party by means of a licensee arrangement in accordance with Federal Aviation Regulations (FAR) 21.47. You are requested to advise your local office within 30 days after the transfer when you transfer or grant licensee rights to the STC in order that we may take the necessary recording or reissuance action.

As recipient of this approval, except as provided in FAR 21.3(d), you are required to report any failure, malfunction, or defect in any product or part manufactured by you that you have determined has resulted or could result in any of the occurrences listed in FAR Part 21.3(c). The report should be communicated initially by telephone to the Manager, Denver Aircraft Certification Office, telephone number (303) 340-5575, within 24 hours after it has been determined that the failure has occurred. In addition, written notification to the Manager, ANM-100D, at the above address is required. FAA Form 8330-2 (Malfunction or Defect Report) or any other appropriate format is acceptable in transmitting the required details.
If you plan to manufacture replacement or modification parts for sale in conformance with approved data listed on the Certificate, you are required to comply with FAR Part 21.303. A Parts Manufacturer Approval (PMA) may be issued under the provisions of FAR 21.303(d) when you submit a statement certifying that you have established a fabrication inspection system as required by FAR 21.303(h). The identification requirements for parts produced under a PMA are in FAR 45.15. Your statement may be in letter form, with a reference to the STC number, and should be mailed to the address indicated above.

Sincerely,

Woodford R. Boyce
Manager, Denver Aircraft Certification Office

Enclosure
THE NUMBER OF CAR ASSEMBLIES 10 BELTED ON EACH AIRCRAFT IS AT THE DISCRETION OF THE USSR-FIVE CARS RECOMMENDED.

NOTE:
ALL WORK ON INSTALLATION OF TRACK IN AIRCRAFT SHALL BE UNDER THE SUPERVISION OF FAA-CERTIFIED AIRCRAFT MECHANIC. RIVET INSTALLATION AND PLACEMENT SHALL BE IN ACCORDANCE WITH AIR FRAME AND POWER PLANT MECHANICS HANDBOOK. ALL TOLERANCES MUST BE WITHIN .005 INCH.

INSTALLATION FOR VOLPAR AIRCRAFT