DORNIER 228

Accessories Required For Smokejumping:

Primary Vertical Anchor:  
MTDC-833- Vertical Anchor, Dornier 228  
STC Strength: 2,000 pounds  
STC #: SA5221NM

Secondary Horizontal Anchor:  
MTDC-854- Dornier 228 Horizontal Anchor  
STC Strength: 750 pounds  
STC #: SA5241NM

Step & Step Attachment:  
MTDC-871- Dornier Step & Handhold Ass'y  
MTDC-872- Step Basket Dornier 228  
MEDC-794- Universal Step Strut

Handrails:  
MTDC-873- Dornier 228 Door Guard & Secondary Forward Handrail
Supplemental Type Certificate

Number SA5221NM

This certificate, issued to USDA Forest Service, certifies that the change in the type design for the following product with the limitations and conditions, as hereinafter specified, hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product — Type Certificate Number: A16EU
Make: Dornier
Model: 228/-100/-101/-200/-201/-202

Description of Type Design Change:
Installation of vertical anchor assembly for smoke jumper operations in accordance with FAA Approved U.S. Department of Agriculture, Forest Service Drawing No. MTDC-833, date 3/90 or later approved revision.

Limitations and Conditions:
This approval should not be extended to aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the interrelationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft.

Date of issue: February 26, 1992

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.

RICHARD JENNI
Supervisor
Denver Aircraft Certification Field Office
Northwest Mountain Region, Denver, Colorado
(Title)

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

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**NOTES:**
- See details A
- See details B
- Use sheet 2 for cable assembly
- See sheet 3 for vertical anchor assembly

**SCALE:**
- 1 in = 1 ft

**Drawing Information:**
- Title: Vertical Anchor
- Project: Dornier 228
- Sheet 1 of 3
- MTDC-833
Supplemental Type Certificate

Number SA5241NM

This certificate, issued to USDA Forest Service, certifies that the change in the type design for the following product, with the limitations and conditions as specified hereon, meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product — Type Certificate Number: A16EU
Make: Dornier
Model: 228/-100/-101/-200/-201/-202

Description of Type Design Change:
Installation of horizontal anchor track and tether system for cargo spotter in accordance with FAA Approved U.S. Department of Agriculture, Forest Service Drawing No MTDC-854, dated 12/90 or later approved revision.

Limitations and Conditions:
This approval should not be extended to aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the interrelationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft.

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: June 6, 1991
Date issued: February 26, 1992
Date amended: 

By direction of the Administrator

Richard E. Jennings (Signature) Supervisor
Denver Aircraft Certification Field Office
Northwest Mountain Region, Denver, 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.
February 26, 1992

USDA Forest Service
Missoula Technology & Development Center
Building No. 1, Fort Missoula
Missoula, Montana 59801

Project No's. ANM-100D-0350, -0351

Gentlemen:

We have completed our evaluation of your Supplemental Type Certificate (STC) projects and find that you have satisfactorily demonstrated compliance with the applicable certification regulations. Accordingly, we have enclosed your STC No's. SA5221NM and SA5241NM dated February 26, 1992, which indicates our approval of a vertical anchor assembly and horizontal anchor track and tether system on Dornier Model 228, -100, -101, -200, -201, -202 aircraft.

This STC is official Federal Aviation Administration (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 by 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 21.3(c). The report should be communicated initially by telephone to the Supervisor, Denver Aircraft Certification Field Office, telephone number (303) 398-0839, within 24 hours after it has been determined that the failure has occurred. In addition, written notification to the Supervisor at the above address is required. FAA Form 8010-4, 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 below.

Federal Aviation Administration
Seattle Manufacturing District Office, ANM-108S
1601 Lind Ave., S.W.
Renton, Washington 98055-4056

Sincerely,

[Signature]

Richard E. Jennings
Supervisor, Denver Aircraft Certification Field Office

Enclosure
MATERIALS LIST

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NOTE: This step is designed to be installed using the STEP BASKET (DORMED 228) and the required parts.

This is a REDUCED PRINT.