

United States Of America  
Department of Transportation - Federal Aviation Administration

# Supplemental Type Certificate

Project No. ST8162SC-A JFH

*Number* SA10499SC

*This Certificate issued to* Bighorn Airways, Inc.  
912 Brundage Lane  
Sheridan, WY 82801-1237

*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 23 of the Federal Aviation Regulations.*

*Original Product Type Certificate Number :* A16EU  
*Make :* DORNIER LUFTFAHRT GmbH  
*Model :* Dornier 228-200; 228-201; 228-202

*Description of Type Design Change:* Revised airplane performance data for aircraft previously modified by installation of Honeywell International Inc. TPE331-10 engines in accordance with Garrett Aviation Services STC SA329CH-D, when further modified in accordance with Master Drawing List CDP0048-00000a, Revision IR dated November 9, 2005 or later FAA approved revision. Bighorn Airways, Inc. Airplane Flight Manual Supplement Appendix, BHAI-CDP0048-000003, Revision IR dated December 20, 2005 or later FAA approved revision is required. There is no Instructions for Continued Airworthiness for this modification.

*Limitations and Conditions:* Compatibility of this design change with previously approved modifications must be determined by the installer. If the holder agrees to permit another person to use this certificate to alter a product, the holder shall give the other person written evidence of that permission.

(See continuation sheet)

*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 :* May 02, 2005

*Date reissued :*

*Date of issuance :* December 28, 2005

*Date amended :*



*By direction of the Administrator*

(Signature)

S. Frances Cox  
Manager, Special Certification Office  
Southwest Region

(Title)

United States Of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* SA10499SC  
Date of Issuance: December 28, 2005

*Certification Basis:* In accordance with Type Certificate Data Sheet A16EU Revision 8 dated October 23, 1990 and the following: 14CFR23.1 and 23.61 at amendment 23-34; 14CFR23.45, 23.63, 23.67, 23.69, 23.1581 and 23.1587 at amendment 23-50.