

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

Number ST03280CH

This certificate issued to
AAR Aircraft Services
2825 W Perimeter Road
Indianapolis, IN 46241

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 25 of the Federal Aviation Regulations. (See Sheet 3 for complete certification basis)

Original Product--Type Certificate Number: A20WE
Make: The Boeing Company
Model: 747-400 Series

Description of Type Design Change:

Installation of Flight Crew Rest Facility Modifications in accordance with AAR Aircraft Services Master Data List, Document No. 27906CR001, Revision C, dated December 4, 2013, or later FAA approved revision.

Limitations and Conditions:

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. This modification requires prior installation of a flight crew rest area in accordance with FAA STC No. SA4750NM.
3. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

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: September 5, 2013

Date reissued:

Date of issuance: December 5, 2013

Date amended:



By direction of the Administrator

(Signature)

Adrian P. Honer
ODA Administrator
Envoy Aerospace, LLC ODA-831240-CE

(Title)

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

Number ST03280CH

Date of issuance: December 5, 2013

Certification Basis (continued)

The certification basis for the changed Boeing 747-400 Series aircraft as described in this certificate is as follows:

- a. The type certification basis for the Boeing 747-400 Series aircraft is shown on TCDS A20WE for parts not changed or not affected by this change.
- b. The certification basis for the parts changed or affected by this change since the reference date of application, September 5, 2013, is as shown on TCDS A20WE. In addition, the applicant has complied with 14 CFR Part 25 at amendment levels shown on TCDS A20WE or later as specified by the sections listed below, and 14 CFR Part 26 as amended by Amendment 26-1.

Regulations as shown on TCDS A20WE for the Boeing 747-400 Series:

25.29(a), (b); 25.301(a), (b); 25.303; 25.305(a), (b); 25.307(a); 25.561(c), (d); 25.601; 25.603(a), (b), (c); 25.605(a); 25.609(a), (b); 25.611; 25.613(a), (b); 25.619(a), (b), (c); 25.625(a); 25.789(a); 25.812(a)(1), (e); 25.1301(a), (b), (c), (d); 25.1307(c); 25.1351(a); 25.1357(a), (c); 25.1431(a), (c); 25.1441(b), (d); 25.1443(c); 25.1447(a); (c)(1); 25.1451(a), (c); 25.1529; 25.1541(a), (b).

Regulations at a later amendment level of 14 CFR Part 25:

25.853(a), (d) [Amdt. 25-116]; 25.869(a) [Amdt. 25-72]; 25.981(a) [Amdt. 25-102]; 25.1353(a), (b), (d) [Amdt. 25-113].

14 CFR Part 26 Regulations

Based on 14 CFR § 21.101(g), applicable provisions of 14 CFR Part 26 are included in the certification basis. For any future 14 CFR Part 26 amendments, the holder of this STC must demonstrate compliance with the applicable sections. As of the latest amendment date of this STC, compliance has been found for the following regulations: 14 CFR §§ 26.11(c) [Amdt. No. 26-0]; 26.47(c) [Amdt. No. 26-1]. This modification does not affect or create fatigue critical baseline structure.

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