

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

D'Shannon Products, LTD.

**B-19000 Windshield Installations
And DLB-1301 Side Window Installations**

**On
Hawker Beechcraft Models 33/35/36/50/55/56/58 (except 58P)/95**

**STC SA2858WE
STC SA2870WE
STC SA2871WE
STC SA2872WE
STC SA997SO
STC SA901SO
STC SA2361WE**

RECORD OF REVISIONS

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LIST OF EFFECTIVE PAGES

TITLE	PAGE	REVISION LETTER
Cover	i	IR
Record of Revisions	ii	IR
List of Effective Pages	iii	IR
Table of Contents	iv	IR
Chapter 1 Introduction	1	IR
Chapter 4 Airworthiness Limitations 04-00-00	2	IR
Chapter 5 Inspection Requirements & Overhaul Schedule 05-00-00	3	IR
Chapter 8 Weight & Balance 08-00-00	4, 5	IR
Chapter 12 Servicing 12-00-00	6	IR
Chapter 56 Airframe System 56-00-00	7	IR

TABLE OF CONTENTS

IDENTIFICATION	TITLE	PAGE(S)
Chapter 1	INTRODUCTION	
	01-00-00	
	1. Type Design Change	1
	2. Scope	1
	3. Purpose	1
	5. Superseded Documents	1
	6. Applicability	1
	7. Precautions	1
	8. Referenced Publications	1
	9. Distribution	1
Chapter 4	Airworthiness Limitations	
	04-00-00	2
Chapter 5	Inspection Requirements & Overhaul Schedule	
	05-00-00	3
Chapter 8	Weight and Balance	
	08-00-00	
	Weight and Balance Details	4, 5
Chapter 12	Servicing	
	12-00-00	
	1. Trouble Shooting	6
	2. Standard Hardware	6
Chapter 56	Windows	
	56-00-00	
	1. General – Maintenance Practices	7
	2. Windshield Removal and Installation	7
	3. Side Window Removal and Installation	7

CHAPTER 1 INTRODUCTION

1. Type Design Change: This type design change consists of the installation of the Beryl D'Shannon Aviation Specialties, Inc. Windshield Installation pursuant to STC SA997SO, STC SA901SO and STC SA2361WE; and the installation of the Beryl D'Shannon Aviation Specialties, Inc. Side Window Installation pursuant to STC SA2858WE, STC SA2870WE, STC SA2871WE, and STC SA2872WE on Hawker Beechcraft Models 33/35/36/50/55/56/58 (except 58P)/95
2. Scope: The scope of this Instruction for Continued Airworthiness (ICA) focuses exclusively on Maintenance, Inspection & Airworthiness Limitations of this FAA-approved type design change.
3. Purpose: The purposes of this ICA are to apprise Owner/Operators who have modified their airplane pursuant to this type design change: (1) When, where & how to inspect; and (2) When to replace this type design to assure continued operational safety.
4. Arrangement: This ICA is a single document comprised of six (6) Chapters:
Chapter 1, Introduction;
Chapter 4, Airworthiness Limitations;
Chapter 5, Inspection Requirements & Overhaul Schedule;
Chapter 8, Weight and Balance
Chapter 12, Servicing;and
Chapter 56, Windows
5. Superseded Documents: This ICA supersedes the Hawker Beechcraft Maintenance documents only in the areas relating to Windshield and Forward Side Window Removal and Installation.
6. Applicability: This ICA is applicable to all Serial Numbered Hawker Beechcraft Models 33/35/36/50/55/56/58 (except 58P)/95 aircraft.
7. Precautions: There are no precautionary notes contained in D'Shannon Products, LTD. DP-ICA-19000.
8. Referenced Publications:
(1) Beryl D'Shannon Aviation Specialties, Inc. Installation manuals B-19000 (Windshield) and KB-1301 (Side Windows)
(2) Hawker Beechcraft Maintenance Manual for the Model and Serial of the aircraft being maintained.
(4) Advisory Circular AC 43.13-1B
9. Distribution: D'Shannon Products, LTD. will maintain a list of all Hawker Beechcraft /Operators that have purchased our Windshield and Side Window kits, and should the need arise to modify this ICA, The AEG- accepted revision will be sent directly to all Owner/Operators. For Owner/Operators having internet access, the latest AEG- accepted revision to this ICA will be available for downloading from the D'Shannon Products, LTD. website: <http://d-shannon-aviation.com/>

CHAPTER 4 AIRWORTHINESS LIMITATIONS

There are no Airworthiness Limitations associated with this type design change.

CHAPTER 5 INSPECTION REQUIREMENTS & OVERHAUL SCHEDULE

1. INSPECTION REQUIREMENTS

There is no change to the inspection requirements relating to Windows and Doors associated with this type design change.

2. OVERHAUL SCHEDULE

There are no change to the overhaul schedule relating to Windows and Doors associated with this type design change.

CHAPTER 8 WEIGHT and BALANCE

1. NET EFFECT: Installation of a B-19000 windshield and DLB-1301 side windows weight and balance varies according to the components removed (original or other window source) and the thickness of the windshield/windows installed. Calculate the weight and balance change with care. If in doubt perform a new weight and balance.

2. WEIGHT and BALANCE DETAILS Windshield- Pre 1968 33/35/55/56/95 models

Windshield Component	Weight lbs.	Station in. aft
New Sloped Windshield .250 nom. thick	14.25	65
New Sloped Windshield .375 nom. thick	21.25	65
New Sloped Windshield .500 nom. thick	28.25	65
Upholstered Glareshield	3.5	65
New Fairing Strip	0.7	60
Original 2 Piece Non-Sloped Windshield/ Metal Frame	14.0	70
Original Single Piece Non-Sloped Windshield	11.7	70
Original Glareshield and associated hardware	4.2	70

3. WEIGHT and BALANCE DETAILS Windshield- 1968 and 33/35/36/55/56/58 (except 58P)/95 models

Windshield Component	Weight lbs.	Station in. aft Short Cabin	Station in. aft Long Cabin
(note: Short Cabin Models are 33/35/55/56/95)			
New Sloped Windshield .250 nom. thick	14.25	65	55
New Sloped Windshield .375 nom. thick	21.25	65	55
New Sloped Windshield .500 nom. thick	28.25	65	55
New Fairing Strip	0.7	60	55
Original Speed Sloped Windshield w/ Metal Frame	14.0	65	55

4. WEIGHT and BALANCE DETAILS Side Windows- 33/35/36/55/56/58 (except 58P)/95 models

Side Window Component	Weight lbs.	Station in. aft Short Cabin	Station in. aft Long Cabin
(note: Short Cabin Models are 33/35/55/56/95)			
New Pilot Vented Window .250 nom. thick	8.0	85	75
New Pilot Vented Window .375 nom. thick	12.1	85	75
New Co-Pilot Vented Window .250 nom. thick	7.6	85	75
New Co-Pilot Vented Window .375 nom. thick	11.0	85	75
New Co-Pilot Solid Window .250 nom. thick	7.1	85	75
New Co-Pilot Solid Window .375 nom. thick	10.5	85	75
Original Pilot Vented Window w/ Metal Frame .125 nom. thick	??	85	75
Original Co-Pilot Window .125 nom. thick	3.55	85	75

5. WEIGHT and BALANCE DETAILS Twin Bonanza Model 50 Windshield

Windshield Component	Weight lbs.	Station in. aft
New Sloped Windshield .375 nom. thick	32.5	102
New Sloped Windshield .500 nom. thick	40.0	102
Upholstered Glareshield	??	102
New Fairing Strip	??	96
Original 3 Piece Non-Sloped Windshield/ Metal Frame	??	102
Original Single Piece Non-Sloped Windshield	??	102
Original Glareshield and associated hardware	??	102

5. WEIGHT and BALANCE DETAILS Twin Bonanza Model 50 Side Window

Side Window Component	Weight lbs.	Station in. aft
New Pilot Vented Window .250 nom. thick	8.0	123
New Pilot Vented Window .375 nom. thick	12.1	123
New Co-Pilot Vented Window .250 nom. thick	7.6	123
New Co-Pilot Vented Window .375 nom. thick	11.0	123
New Co-Pilot Solid Window .250 nom. thick	7.1	123
New Co-Pilot Solid Window .375 nom. thick	10.5	123
Original Pilot Vented Window w/ Metal Frame .125 nom. thick	??	123
Original Co-Pilot Window .125 nom. thick	3.55	123

CHAPTER 12 SERVICING

1. CLEANING PLASTIC WINDOWS

There is no change to the cleaning requirements relating to Windows associated with this type design change.

2. STANDARD HARDWARE

The hardware associated with this type design change are standard AN and MS hardware with the exception of the hardware which secures the vent window hinge halves and latch components. These internally threaded fasteners are available by contacting D'Shannon Products, LTD. <http://d-shannon-aviation.com/>

CHAPTER 56 WINDOWS

1. GENERAL – MAINTENANCE PRACTICES

There is no change to the cleaning requirements relating to Windows associated with this type design change.

2. WINDSHIELD REMOVAL AND INSTALLATION

Refer to the Beryl D'Shannon Aviation Specialties Installation Kit Instructions B-19000 for proper windshield removal and installation instructions. If the instructions are not with the Aircraft File, contact D'Shannon Products, LTD. <http://d-shannon-aviation.com/>

3. SIDE WINDOW REMOVAL AND INSTALLATION

Refer to the Beryl D'Shannon Aviation Specialties Installation Kit Instructions DLB-1300 for proper forward side window removal and installation instructions. If the instructions are not with the Aircraft File, contact D'Shannon Products, LTD. <http://d-shannon-aviation.com/>