




## Search Results

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### 1-2 of 2 results for 'dee howard'

- [TCDS: TCDS No. A1SW, Rev. No. 3, Dee Howard Company, The](#)
- [Model: TCDS No. A1SW, Rev. No. 3, Dee Howard Company, The, 500](#)

[RGL Home](#)

## Supplemental Type Certificate

**STC Number:**

SA451SW

**This certificate issued to:**

Howard Research & Development Co.

**STC Holder's Address:**

306 Krameria Drive  
San Antonio TX 78213  
United States

**Description of the Type Design Change:**

Installation of exhaust system per Howard Research & Development Co. drawings 02-1164D23-13, Rev A, dtd 12/2/64, and 02-1164D24-14, Rev A dtd 12/2/64.

**Application Date:**

**Status:**

Issued, 11/27/1964

**Responsible Office:**

Ft. Worth Special Certification Office (ASW-190), Tel: (817) 222-5190

**TC Number -- Make -- Model:**

A1SW -- Dee Howard Company, The -- 500  
LTC-13 -- Lockheed Aircraft Corporation -- Navy PV-1

**Full Text of STC:**

**Comments**

Comments:

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US Department  
of Transportation  
**Federal Aviation  
Administration**

Southwest Region  
Arkansas Louisiana  
New Mexico Oklahoma  
Texas

P.O. Box 1689  
4400 Blue Mound Road  
Fort Worth Texas 76101

MAR 20 1984

RECEIVED

Mr. W. L. Hubbard  
The Dee Howard Company  
P. O. Box 17300  
San Antonio, TX 78217

MAR 26 1984

DEE HOWARD CO.

Dear Mr. Hubbard:

Enclosed is Supplemental Type Certificate SA5644SW dated February 2, 1984, for the installation of dual Delco Carousel VI Inertial Navigation System in Boeing 727-100.


Aircraft modified in accordance with this supplemental type certificate (STC) should be returned to service by means of a Form FAA-337 which refers to this STC.

If you plan to manufacture articles for sale in conformance with this STC, you will be required to comply with Part 21.303 of the Federal Aviation Regulations. Parts shipped without identification and evidence of inspection at source will not be eligible for installation in certificated aircraft. Application for Parts Manufacturer Approval (PMA) should be made in letter form giving the part name and number, location of manufacturing facility, STC number and model of type certificated product for which the part has been approved for installation. The application must contain a statement certifying that a fabrication inspection system has been established in accordance with FAR 21.303(h) and should be addressed to:

Manager, Aircraft Certification Division  
Federal Aviation Administration  
P. O. Box 1689  
Fort Worth, Texas 76101

The data necessary for an installing agency to complete and inspect an installation must be provided with all parts shipments. A copy of this STC should be provided with the installation data.

Sincerely,

  
for Don P. Watson  
Manager, Aircraft  
Certification Division



Enclosure

Edward Warren: First American Aloft



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

Southwest Region  
Arkansas, Louisiana  
New Mexico, Oklahoma  
Texas

P.O. Box 1689  
4400 Blue Mound Road  
Fort Worth, Texas 76101

MAR 23 1984

RECEIVED

Mr. W. L. Hubbard  
The Dee Howard Company  
P. O. Box 17300  
San Antonio, TX 78217

MAR 26 1984

DEE HOWARD CO.

Dear Mr. Hubbard:

Enclosed is Supplemental Type Certificate SA5500SW dated August 19, 1983 for the installation of Safe Flight Wind Shear Monitor System in Boeing Model 727-100.

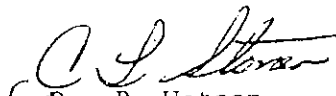
Aircraft modified in accordance with this supplemental type certificate (STC) should be returned to service by means of a Form FAA-337 which refers to this STC.

If you plan to manufacture articles for sale in conformance with this STC, you will be required to comply with Part 21.303 of the Federal Aviation Regulations. Parts shipped without identification and evidence of inspection at source will not be eligible for installation in certificated aircraft. Application for Parts Manufacturer Approval (PMA) should be made in letter form giving the part name and number, location of manufacturing facility, STC number and model of type certificated product for which the part has been approved for installation. The application must contain a statement certifying that a fabrication inspection system has been established in accordance with FAR 21.303(h) and should be addressed to:

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Federal Aviation Administration  
P. O. Box 1689  
Fort Worth, Texas 76101

The data necessary for an installing agency to complete and inspect an installation must be provided with all parts shipments. A copy of this STC should be provided with the installation data.

Sincerely,

  
Don P. Watson  
Manager, Aircraft  
Certification Division



Enclosure

Edward Warren: First American Aloft



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

Southwest Region  
Arkansas, Louisiana,  
New Mexico, Oklahoma,  
Texas

P.O. Box 1689  
4400 Blue Mound Road  
Fort Worth, Texas 76101

RECEIVED c: Q.C.

JAN 29 1987

D. Blumberg  
MASTER FILE

DEE HOWARD CO.

JAN 27 1987

Mr. John T. Chapman  
FAA Coordinator  
The Dee Howard Co.  
International Airport  
P.O. Box 17300  
San Antonio, Texas 78217

Dear Mr. Chapman,

Enclosed is Supplemental Type Certificate No. SA3654SW dated 9/23/86 for installation of a Lear Sigler Performance Data Computer System in Boeing Model 727-100 airplanes.

Aircraft modified in accordance with this supplemental type certificate (STC) should be returned to service by means of a Form FAA-337 which refers to this STC.

If you plan to manufacture articles for sale in conformance with this STC, you will be required to comply with Part 21.303 of the Federal Aviation Regulations. Parts shipped without identification and evidence of inspection at source will not be eligible for installation in certificated aircraft. Application for Parts Manufacturer Approval should be made in letter form giving the part name and number, location of manufacturing facility, STC number and model of type certificated product for which the part has been approved for installation. The application must contain a statement certifying that a fabrication inspection system has been established in accordance with FAR 21.303(h) and should be addressed to:

Manager, Aircraft Certification Division  
Federal Aviation Administration  
P. O. Box 1689  
Fort Worth, Texas 76101

The data necessary for an installing agency to complete and inspect an installation must be provided with all parts shipments. A copy of this STC should be provided with the installation data.

Sincerely,

*L. B. Andriesen*

L. B. Andriesen  
Manager, Aircraft Certification  
Division

Enclosure

## 1-22 of 22 results for 'howard aero'

- [SA2-1157](#) 2,000 psi hydraulic system PV-1. Howard Aero, Inc. FAA Airplane Flight Manual Supplement dated 5/24/ LTC-13 - Lockheed Aircraft Corporation - Navy PV-1
- [SA50SW](#) Installation of Howard Aero designed extended wing tip. A-723 - Lockheed Aircraft Corporation - Lockheed 18
- [SA03954AT](#) Installation of Aircell ATG-5000 High Speed Internet System (AHSI) and Cabin Telecommunication Route
- [SA2-570](#) Modification of Rudeer Trim Tab assembly by installation Howard Aero, Inc. rudder trim tab spar and LTC-13 - Lockheed Aircraft Corporation - Navy PV-1
- [SA2-443](#) Brake system modification by installing Goodyear 9541104 brakes, Goodyear 9541344 wheels, and Howard LTC-13 - Lockheed Aircraft Corporation - Navy PV-2 - LTC-13 - Lockheed Aircraft Corporation - Navy PV-1
- [SA7687SW](#) Modification of the lower fuselage skin to include provisions for a scanner or camera and navigation A37CE - Cessna Aircraft Company, The - 208 - A37CE - Cessna Aircraft Company, The - 208B
- [SA02738CH](#) Installation of L-3 Communications Avionics Systems A10EU - Aermacchi S.p.A. - F.260 - A10EU - Aermacchi S.p.A. - F.260B - A10EU - Aermacchi S.p.A. - F.260C - A10EU - Aermacchi S.p.A. - F.260D - A10EU - Aermacchi S.p.A. - F.260E - A10EU - Aermacchi ...
- [SA02015SE-D](#) Installation of Garmin G500 Primary Flight Display (PFD) and Multifunction Display (MFD) System.
- [SA00678SE](#) Installation of J. P. Instruments 8Jimline EGT-100 series primary instruments
- [SA10682SC](#) Installation of alternator and voltage regulator Fred Garcia\480 -- 2A2 - Camair Aircraft Corporation - Fred Garcia\480 -- 2A2 - Twin Commander Aircraft Corporation - 500 - Fred Garcia\480 -- 2A2 - Twin Commander Aircraft Corporation - 500-A - Fr...
- [SA2666WE](#) Ceconite 102 material covering complete aircraft. (262A SERIES -12) A-396 - Aeronca Aircraft Corporation - C-3 - A-396 - Aeronca Aircraft Corporation - PC-3 - A-396 - Aeronca Aircraft Corporation - S-65-C - A-396 - Aeronca Aircraft Corporation - 65-C - A-396 - Aero...
- [SA02153LA-D](#) Installation of Garmin G600 Primary Flight Display (PFD) and Multifunction Display (MFD) System (Page 1 of 2)
- [SA02520AT](#) Installation of M-20 Oil Separator, model 600-WP. A-675 - Aeronca Aircraft Corporation - KCA - A-675 - Aeronca Aircraft Corporation - 50-



**1-30 of 30 results for 'dee howard'**

■ <a href="#">SA451SW</a>	Installation of exhaust system per Howard Research & Development Co. drawings 02-1164D23-13, Rev A,	A1SW - Dee Howard Company, The - 500 - A1SW - Lockheed Aircraft Corporation - Navy PV-1
■ <a href="#">SA723SW</a>	F1002 windshield temperature control system.	A1SW - Dee Howard Company, The - 500
■ <a href="#">SA760SW</a>	Installation of flap actuating cylinder attach bracket.	A1SW - Dee Howard Company, The - 500 - A1SW - Lockheed Aircraft Corporation - Navy PV-1
■ <a href="#">SA738SW</a>	Installation of elevator torque tube flange.	A1SW - Dee Howard Company, The - 500 - A1SW - Lockheed Aircraft Corporation - Lockheed 18 - A1SW - Lockheed Aircraft Corporation - Navy PV-1
■ <a href="#">SA546SW</a>	Installation of double action main landing gear doors.	A1SW - Dee Howard Company, The - 500 - A1SW - Lockheed Aircraft Corporation - Navy PV-1
■ <a href="#">SA1969SW</a>	Installation of tail wheel tire 6.00 X 6, 8 PR, Type III and wheel.	A1SW - Dee Howard Company, The - 500
■ <a href="#">SA686SW</a>	Installation of Pratt & Whitney R2800-CB16 engine power ratings with 100/130 grade fuel and cabin co	A1SW - Dee Howard Company, The - 500 - A1SW - Lockheed Aircraft Corporation - Navy PV-1
■ <a href="#">SA743SW</a>	Clamp, flap actuating cylinder H500 P/N 5-104268-1.	A1SW - Dee Howard Company, The - 500 - A1SW - Lockheed Aircraft Corporation - Navy PV-1
■ <a href="#">SA451CE</a>	Install Hoskins Twilighter MK III Supplementary lighting system with Model E, F or P wing tip and Mo	A1SW - Dee Howard Company, The - 500 - A1SW - Lockheed Aircraft Corporation - Lockheed 18 - A1SW - Lockheed Aircraft Corporation - Navy PV-1
■ <a href="#">SA98CE</a>	Installation of Hoskins Supplemental Model A, B, E high intensity wing tip lights, Model C tail ligh	A1SW - Dee Howard Company, The - 500 - A1SW - Lockheed Aircraft Corporation - Navy PV-1
■ <a href="#">SA7523SW</a>	Installation of executive interior with Dee Howard drawings. Approved for A310-304, serial number 43	A35EU - Airbus - A310 304
■ <a href="#">SA3656SW</a>	Installation of Dee Howard TR5000BA thrust reverser kit SK54-002 and up.	A3EU - Raytheon Aircraft Company - Hawker 800
■ <a href="#">SA175RM</a>	Replacement of throttle knob, Model EP-004, for 20 series Learjet equipped with Dee Howard thrust re	A10CE - Learjet Inc. - Learjet 25 - A10CE - Learjet Inc. - Learjet 24 - A10CE - Learjet Inc. - Learjet 23
■ <a href="#">SA8472SW</a>	Installation of Rolls Royce Model TAY 651-54 engines and TR6510 thrust reversers. (727-62C, -25C, -1	A3WE - Boeing Company, The - 727
■ <a href="#">SA8106SW</a>	Installation of Collins Dual-86U EFIS, Dual Air Data ADC-85, Autopilot Flight Director Collins	4A25 - McDonnell Douglas Corporation - DC- 8-73 - 4A25 - McDonnell Douglas Corporation





ENGINEERING PROJECT INDEX  
ACTIVE STC'S

PROJECT NUMBER	TITLE/APPLICABLE AIRCRAFT MODEL	STC NUMBER
18-0567	Main Spar Beef Up, Beech Mod. 18	SA823SW SA1581SW (AT11)
19-0967	Main Spar Beef Up, Outer Wing	SA895SW SA1582SW (AT11)
25-0570	Learjet T/R	SA1670SW SA1731SW
30-000	Jet Commander 1121 T/R	SA1879SW
None	MK II - Learjet, Models, 25, 25A, 25B/C	SA225NW
None	MK II - Learjet, Models, 24D, 24D-A, 24B, 24B-A	SA232NW
None	MK II - Learjet, Model 23	SA237NW
None	MK II - Learjet, Models 24, 24A	SA253NW
None	MK II - Learjet, C III Conversion Models: 24E, 24F, 24F-A, & Retro. Models: 24B, 24B-A, 24D, 24D-A	SA841NW
None	MK II - Learjet, C III Conversion Models: 25D, 25F & Retrofits Models: 25, 25A, 25B, 25C	SA900NW
36	350K $V_{MO}$ Instl Mark II	MK II
37	Ignitor Door Instl - Learjet	SA2715SW
38	Squat Switch Instl - Learjet	SA2726SW
39	ECS Instl - Bell Model 206B	SH2749SW
39-1	ECS Instl - Bell Model 206L1/L3	SH2986SW

<u>PROJECT NUMBER</u>	<u>TITLE/APPLICABLE AIRCRAFT MODEL</u>	<u>STC NUMBER</u>
39-2	ECS Instl - Bell Model 206L	SH4006SW
40	Ins Instl - Boeing Model 720	SA2805SW
40-1	Ins Instl - Boeing Model 707	SA4150SW
41	APU Instl - Boeing Model 720	SA2806SW
41-1	APU Instl - Boeing Model 707	SA4140SW
43	Mid Lavatory Instl - Boeing 707	SA4025SW
43-1	Mid Lavatory Instl - Boeing 720	SA4326SW
44	X/R - Learjets (Mod 24, 25, 25G)	SA944NW
45-1	Radio Altimeter - Boeing 707	SA4148SW
45-2	AOA Instl (Teledyne) - Boeing 707	SA4151SW
45-3	GPWS Instl - Boeing Model 707	SA4149SW
46	Autopilot Instl XR Learjet (Sperry)	SA5516SW
49	Thrust Reverser - Learjet 35/36	SA4836SW
50-2	Oxygen System Instl Falcon 50 (S/N 13 only)	SA4507SW
50-5	Dual Collins Radio Alt., M Alt-55	SA4489SW
50-6	RCA Weather Radar, Primus 400 and Data Nav III	SA4490SW
50-7	Endevco Engine Vibration Monitor System	SA4510SW
50-8	Galley/Cabin Electrical System	None
50-9	Dual H.T. Instr. Elec. Clocks	SA4483SW
50-10	Baker Passenger Address System & Auto- flite Passenger Briefing System	SA4482SW
50-11	2" Standby Alt & 2" Standby Mach Airspeed Indicator	SA4481SW
50-12	Collins H.F. Comm. System, 718U-5M	SA4480SW
50-13	Dual Global VLF/OMEGA System, GNS500A-III	SA4479SW

<u>PROJECT NUMBER</u>	<u>TITLE/APPLICABLE AIRCRAFT MODEL</u>	<u>STC NUMBER</u>
50-14	Motorola Secal System, Model NA-135	SA4484SW
50-15	J.E.T. Emergency Power Supply System	SA4485SW
50-16	Pyrotector Smoke Detector System	
50-17	Sundstrand Cockpit Voice Recorder, AV-557C	SA4486SW
50-18	Dual Baker Electronic Audio System M1035-CEKR	SA4495SW
50-19	Wulfsberg Flitefone IIIC	SA4494SW
50-20	Dual Collins DME Transceivers, DME-40	SA4493SW
50-21	Delco Carousel IVA-X, Inertial Nav. Sys.	SA4491SW
50-22	Collins Flight Profile Advisory, FPA-80	SA4496SW
50-23	Three Collins VHF Comm. Transceivers, VHF20B	SA4498SW
50-24	Dual Collins ADF-60 Systems	SA4499SW
50-25	Three Collins, VHF Navigation Receivers, VIR-30	SA4500SW
50-26	Dual Collins Transponders, TDR-90	SA4492SW
50-27	J.E.T. Emergency Horizon & Power Supply	SA4497SW
50-28	Vertical Gyro Switching System	SA4503SW
50-29	Navigation Switching System	SA4501SW
50-30	AFT Radio Rack	SA4305SW
50-31	Cockpit Pedestal Extension	
50-32	Directional Gyro Switching System	SA4502SW
52	Supplemental Water Tank Instl - Boeing 727-100	SA4569SW
54	TR5000BA Thrust Reverser BAe125-800	
61	Interior Instl - 747-361	SA3572SW
61-1	Floor Beam Instl (Structure) 747-361	SA3323SW

PROJECT NUMBER	TITLE/APPLICABLE AIRCRAFT MODEL	STC NUMBER
63	Oman 747SP-27	
64	BAC 1-11 with Tay Engine	
66	Escape Slide Instl BAC 1-11 400 (Part 91 oper.)	SA5932SW
68	Cessna TR4000CE (Proposal Only)	
69	Learjet Model 55 Thrust Reverser	
70	FW300 (Proposal Only)	

ENGINEERING PROJECT INDEX  
INACTIVE STC'S

PROJECT NUMBER -----	TITLE/APPLICABLE AIRCRAFT MODEL -----	STC NUMBER -----
02-1164	Exhaust Stacks	SA451SW
03-0165	Pitot Certification	SA494SW
04-0365	Under Wing Exhaust Mod.	SA467SW
05-0265	PT6 Mod D18	Sold
06-0565	Outer Wing Mod D18 STA 261-52	SA818SW
07-1165	Outer Wing Mod D18 STA 181-52	SA1075SW
08-1165	Eldorado Window	
09-1165	Window Cockpit FV-1	SA715SW
10-1265	Tail Mod FV-1	SA718SW
11-1265	Wing Tip Mod Beech 18	SA817SW
12-0566	Wing Tip Extension Lockheed FV-1	SA719SW SA760SW
13-0766	General FV-1 & H-500 Fix Mods	SA716SW SA738SW SA743SW
14-0866	Compressor Disc. H-500 & Press. PVI	SA686SW
15-0866	Aerodynamic Surface App. FV-1	SA720SW
16-0367	Nose Assy Beech 18 Model	SA1242SW
17-0567	E18S Tri Gear with PT6A-20 Engine	Sold
20-0268	Wing Extension Lockheed FV-1	
21-0569	Heater Instl. Beech D18S	SA1074SW
22-1069	Bleed-Air Shut-Off Merlin IIA & IIB	SA1099SW
23-1169	Dehavilland 125 Flush Gear Drs	SA1147SW
26-1071	Sabreliner - Chair Assy	SA1418SW

<u>PROJECT NUMBER</u>	<u>TITLE/APPLICABLE AIRCRAFT MODEL</u>	<u>STC NUMBER</u>
27-1071	Jet Commander 1121 - Chair Assy	SA1943SW
29-0572	Sabreliner Couch Mod	SA1460SW
32	1123 Westwind T/R (Air Israeli Type Certificate - IAI T.C.)	None
34	Cabin Door System - Learjets	SA2446SW
35-1	B727 - Teledyne AOA	
35-2	B727 - Ground Prox. Wing System	SA2498SW
35-3	B727 - Collins INS61B	SA2499SW
35-4	B727 - V/Nav	
42	Airstair Instl - Boeing 707/720	SA2795SW
51	Drag Reduction - Learjet 35/36	
55	Engine Oiler Instl, Remote-B727	
56	Overboard Servicing Instl. (Structural) - B727	
57	Auxiliary Airstair Retraction System B727	
58	Plumbing Instl., Overboard Servicing, AFT	
58-1	Plumbing Instl., Overboard Servicing, FWD	
59	Flap Pre-Select System Instl. - Learjet	None
60	Reverser - Gulfstream IV & Fokker P332 Proposal	None
62	Water Heater 747	
65	TR4000BA Thrust Reverser BH/HS 125 Series 600A	
67	Portable Air Conditioner Model 67	None