

United States of America  
Department of Transportation -- Federal Aviation Administration

# Supplemental Type Certificate

*Number* ST02760AT

*This certificate issued to* JAMMONS, Inc.  
3142 First Avenue  
Loxely, AL 36551

*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 4b of the Civil Aviation Regulations.*

*Original Product - Type Certificate Number :* A3WE  
*Make :* Boeing  
*Model :* 727-200

*Description of Type Design Change:* Installation of an Audio/Video In-Flight Entertainment System in accordance with JAMMONS, Inc. Master Data List J-RP0002, Revision D, dated April 11, 2007 or later FAA approved revision.

*Limitations and Conditions:* This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determine by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission. FAA approved Airplane Flight Manual Supplement for JAMMONS, Inc. In-Flight Entertainment System dated November 25, 2003 is a required part of this STC.

*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 2, 2003

*Date reissued :*

*Date of issuance :* November 25, 2003

*Date amended :* September 17, 2007



*By direction of the Administrator*

*Melvin D Taylor*  
for \_\_\_\_\_  
(Signature)

Melvin D Taylor  
Manager, ACE-115A  
Atlanta Aircraft Certification Office

\_\_\_\_\_  
(Title)

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

*Number* SA02684AT

*This certificate issued to* Sirius Technologies Inc  
1415 Willow Park Way  
Cumming, GA 30041

*certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 4b of the Civil Air Regulations.*

*Original Product - Type Certificate Number :* A7EU  
*Make :* Dassault Aviation  
*Model :* Mystere-Falcon 20 Series

*Description of Type Design Change:* Installation of cabin flight display system in accordance with Sirius Technologies Master Drawing List (MDL) No. MDL-10813 Rev L, dated October 13, 2006, or later FAA approved revision.

*Limitations and Conditions :* FAA Approved Flight Manual Supplement (AFMS) for Dassault Aviation Falcon 20C Airplanes AFMS-10813, dated July 10, 2003, is a part of this STC. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall 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 :* May 02, 1991

*Date reissued :*

*Date of issuance :* July 09, 2003

*Date amended :* January 04, 2007



*By direction of the Administrator*

*[Signature]*  
(Signature)

for  
Melvin D. Taylor  
Manager  
Atlanta Aircraft Certification Office

(Title)



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

Small Airplane Directorate  
Atlanta Aircraft Certification Office  
One Crown Center  
1895 Phoenix Boulevard, Suite 450  
Atlanta, Georgia 30349

**JAN - 5 2007**

Mr. David Gray  
President  
Sirius Technologies  
1415 Willow Park Way  
Cumming, GA 30041

Dear Mr. Gray:

We have completed our evaluation of your Supplemental Type Certificate (STC) project, FAA Project Number ST5648AT-A, and find that you have satisfactorily demonstrated compliance with the applicable certification regulations. Accordingly, we have enclosed amended STC SA02684AT which indicates our approval of the installation of a cabin flight display system in the Mystere-Falcon 20 Series aircraft.

This STC is official Federal Aviation Administration (FAA) approval of your modification and may be used to authorize identical modifications 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 Regulation (FAR) 21.47. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission. You are required to advise this 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 in 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 Manager, Atlanta Aircraft Certification Office, telephone number (770) 703-6035, within 24 hours after it has been determined that the failure has occurred. In addition, written notification to the Certification Office, 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 21.303. A Parts Manufacturer Approval (PMA) may be issued under the provisions of FAR 21.303(d) when you submit a statement certifying you have established the 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 reference to STC SA02684AT, and should be addressed to the Federal Aviation Administration, Atlanta, Manufacturing Inspection District Office, 1895 Phoenix Blvd, Suite 225, Atlanta, GA 30349.

Please contact Kenneth Mobley of this office for any questions or further discussion at (770) 703-6046.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Jones", written in a cursive style.

for

Rick Jones  
Associate Manager  
Atlanta Aircraft Certification Office

Enclosure(s)



# FLIGHT DISPLAY



Sirius Technologies  
1415 Willow Park Way  
Cumming, GA 30041  
MDL- 10813 - Rev N



*Kenneth Mobley  
ATL-ACO*

Master Drawing List  
For  
Installation of  
FD200CPU, FD70CV, FD500DMT,  
FD800JBOX, FD151CV, FD900X2,  
DAPS300, FD932DVD,  
FD-INSTALL, FDDVDMT, FDEQPMT  
FD70CV-V, FD500DMT-V, FD900X3  
FD70CV-M, FD932DVD-2, FD200CPU-3 or 4  
FD200CPU-7 or 8, DAPS321, FD102CV  
FD200CPU-5, FD151CV-LP, FD932DVD-3  
GVC39-VCP, FD932DVD-4, FD932DVD-LP  
FD200CPU-9 or 10, FD932DVD-4B, FD900X3B,  
FDFILT-28  
FD900X3C

In Dassault Falcon 20C  
Serial# 101  
N97WJ

FAA STC No. SA02684AT

FD200CPU

“FLIGHT DISPLAY”

Prepared By:  
David C. Gray  
President

*[Signature]*

The Data and Information disclosed and discussed in this document and during the FAA STC process is considered confidential and should not be disclosed to any source outside the participants in the FAA STC process.



Revision History  
 MDL- 10813 - REV N  
 FAA STC No. SA02684AT

Revision Number	Change Content	Date
Initial Release	N/A	March 14, 2002
A	Changed Aircraft Type Added Sirius Equipment	September 24, 2002
B	Added Sirius Equipment	December 4, 2002
C	Added Sirius Equipment	March 4, 2003
D	Added Installation Manuals	May 24, 2003
E	Added Fwd Bulkhead Monitor Installation Drawings	June 23, 2003
F	Exchanged Three Sirius Part #'s	August 25, 2003
G	Exchanged Two Sirius Part #'s	November 25, 2003
H	Exchanged One Sirius Part #	July 15, 2004
I	Exchanged Three Sirius Part #'s Added 1 Piece Sirius Equipment	March 21, 2005
J	Added 2 Pieces Sirius Equipment Changed Revision # One Piece	June 20, 2005
K	Added 3 Pieces Sirius Equipment	February 15, 2006
L	Added 3 Pieces Sirius Equipment	October 13, 2006
M	Added 1 Piece Sirius Equipment	February 4, 2008
N	Added 1 Piece Sirius Equipment	May 7, 2008



# FLIGHT DISPLAY



Master Drawing List  
MDL- 10813 - REV N  
FAA STC No. SA02684AT

## ASSEMBLY

Drawing #	Title	Date/Revision
ST02-03	Sirius LCD	8/25/03 Revision A
ST02-05	Sirius Nameplate Location	8/25/03 Revision A
ST02-07	CPU Nameplate	9/23/02 Original Issue
ST02-08	CPU Top Ass'y Drawing	7/12/04 Revision 1
ST02-09	Sirius FD-Install (Installation Kit)	3/13/02 Original Issue
ST02-10	15 Inch LCD	9/23/02 Original Issue
ST02-11	DVD/CD/MP3 Player	9/23/02 Original Issue
ST02-12	2 Channel Wireless 900 Mhz TX	9/23/02 Original Issue
ST02-21	3 Channel Wireless 900 Mhz TX	4/29/03 Original Issue
ST02-13	Jet Jukebox (300 HR. CD Music)	9/23/02 Original Issue
ST02-14	Distribution Amp Power Supply	9/23/02 Original Issue
ST02-17	Mounting Bracket	10/31/02 Original Issue
ST02-18	DVD Mount	12/03/02 Original Issue
ST02-19	7 INCH LCD Mount	12/03/02 Revision A
ST02-22	DVD/CD/MP3 Player FD932DVD-2	11/21/03 Original Issue
ST02-23	7 INCH LCD FD70CV-M	11/21/03 Original Issue
ST02-24	FD200CPU (Dash 5)	3/21/05 Original Issue
ST02-25	FD151CV-LP	3/21/05 Original Issue
ST02-26	FD932DVD-3	3/21/05 Original Issue
ST02-27	GVC39-VCP	3/21/05 Revision A
ST02-28	FD932DVD-LP	5/20/05 Original Issue
ST02-29	FD932DVD-4	5/20/05 Original Issue
ST02-34	DAPS321 Video Amplifier	2/15/06 Original Issue
ST02-35	FD102CV 10.2 Inch Display	2/15/06 Original Issue
ST02-36	FD200CPU 7 & 8	2/15/06 Original Issue
ST02-37	FD900X3B	10/12/06 Original Issue
ST02-38	FD932DVD-4B	10/12/06 Original Issue
ST02-39	FD200CPU 9 & 10	10/12/06 Original Issue
ST02-41	FDFILT-28	2/4/08 Original Issue
ST02-42	FD900X3C	5/2/08 Original Issue



# FLIGHT DISPLAY



Master Drawing List  
 MDL- 10813 - REV N  
FAA STC No. SA02684AT

## INSTALLATION

Drawing #	Title	Date/Revision
ST02-01 (1-5)	Sirius FD200CPU Entertainment System	9/24/02 Revision A
ST02-04	Sirius Aircraft Layout	9/24/02 Revision A
ST02-30 (1-3)	Installation of Sirius Monitor in Fwd RH Bulkhead	6/23/03 Original Issue
ST02-40 (1-8)	Sirius Product Installation & Operations Manuals (8)	5/24/03 Original Issue

## COMPLIANCE DATA

Document #	Title	Date/Revision
ELA - 10813	Electrical Load Analysis	2/11/02 Original Issue
WAB - 10813	Weight and Balance	2/11/02 Original Issue
STCP - 10813	Certification Plan	2/11/02 Original Issue
AFMS - 10813	Flight Manual Supplement	2/11/02 Original Issue
EQT - 10813	DO-160D Test Report	7/24/01 Original Issue
		11/26/02 Original Issue
		3/07/03 Original Issue
		12/01/03 Original Issue
		7/12/04 Original Issue
		5/14/05 Original Issue
		6/10/05 Original Issue
		12/15/05 Original Issue
		10/27/06 Original Issue
		7/12/07 Original Issue
SCI - 10813	Software Configuration Index	3/11/02 Original Issue

**ALL PARTS ARE FAA APPROVED**

Updated: 06/23/10

**STC#SA02684AT**

**PMA No. PQ1716CE Supplement No. 1 dated 8/11/03**

**Dassault Aviation - FALCON 20C**

PRODUCT #	DESCRIPTION
FD200CPU-1	CPU - MOVING MAP
FD200CPU-2	CPU - MOVING MAP
FD200CPU-3	CPU - MOVING MAP
FD200CPU-4	CPU - MOVING MAP
FD200CPU-5	CPU - MOVING MAP
FD200CPU-7	CPU - MOVING MAP
FD200CPU-8	CPU - MOVING MAP
FD200CPU-9	CPU - MOVING MAP
FD200CPU-10	CPU - MOVING MAP
FD-INSTALL	INSTALLATION KIT
FD70CV	7" LCD W/IR
FD70CV-M	7" METAL ENCLOSURE
FD70CV-V	7" LIQUID CRYSTAL DISPLAY
FD102CV	10.2" LIQUID CRYSTAL DISPLAY
FD151CV	15" LCD DISPLAY W/IR
FD151CV-IR	15" LIQUID CRYSTAL DISPLAY
FD151CV-LP	15" LOW PROFILE LCD W/IR
FD500DMT	MOUNT FOR 7" MONITOR
FD500DMT-V	MOUNT FOR 7" VGA MONITOR
FD800JBOX	JET JUKE BOX
FD900X2	900 MHZ 2 CHANNEL TRANSMITTER
FD900X3	900 MHZ 3 CHANNEL TRANSMITTER
FD900X3B	28VDC 900 MHZ 3 CHANNEL TRANSMITTER
FD900X3C	28VDC 900 MHZ 3 CHANNEL WIRELESS TRANSMITTER
FD932DVD	DVD/CD PLAYER
FD932DVD-2	DVD-CD PLAYER
FD932DVD-3	DVD-CD PLAYER
FD932DVD-4	DVD-CD PLAYER
FD932DVD-4B	DVD-CD PLAYER
FD932DVD-LP	DVD-CD LOW PROFILE PLAYER
FDDVDMT	DVD MOUNT
FDEQPMT	MOUNTING BRACKET
FD-FILT 28	28V VIDEO/POWER FILTER
DAPS300	2 X 4 VIDEO AMP POWER SUPPLY
DAPS321	2 X 7 VIDEO AMP POWER SUPPLY
GVC39-VCP	VIDEO CONTROL PANEL

**STC#ST02917AT**

**PMA No. PQ1716CE Supplement No. 2 dated 3/9/07**

**BOEING 727-200, -300, -400, -500**

PRODUCT #	DESCRIPTION
FD201CV	20" LCD Monitor

**STC#ST02760AT**

**PMA No. PQ1716CE Supplement No. 3 dated 4/11/07**

**BOEING 727-200**

PRODUCT #	DESCRIPTION
FD201CV-LP	20" LCD Low Profile
FD320CV	32" LCD Monitor
FD420CV	42" LCD Monitor

**STC#ST02760AT**

**PMA No. PQ1716CE Supplement No. 5 dated 6/13/08**

**BOEING 727-200**

PRODUCT #	DESCRIPTION
FD260CV	26" LCD Monitor

**STC#ST03538AT**

**PMA No. PQ1716CE Supplement No. 4 dated 4/02/08**

**CHALLENGER 600**

PRODUCT #	DESCRIPTION
FD104CV	10" LCD MONITOR
FD104DMT	10" LCD MONITOR
FD171CV	17" LCD MONITOR
FD201CV	20" LCD MONITOR
DAPS320	VIDEO AMP POWER SUPPLY
DAPS360	Satellite Radio Splitter
FD600CAM	Camera Assembly
FD720ICU	Interface Control Unit - TV
FD04H00-001	Antenna Assembly
FD04H50	Antenna Installation Kit
FDBASE	FDBASE - Bracket, Arm Mounting, Table/Rail
FD104ARM	10.4" DISPLAY & ARM MOUNT

**STC#SA02329AK**

**PMA No. PQ1716CE Supplement No. 6 dated 01/22/09**

**CIRRUS SR-20/SR-22**

PRODUCT #	DESCRIPTION
FD90AID	Flip Down Controller
FD90AID-DEB-SM	Detached Electronics Box

**STC#SA02329AK**

**PMA No. PQ1716CE Supplement No. 7 dated 04/08/09**

**CIRRUS SR-20/SR-22**

PRODUCT #	DESCRIPTION
FD90AID-SMT	Flip Down Controller - Slide Mount
FD90AID-ST	Flip Down Controller - Stacked

**STC#ST10933SC**

**PMA No. PQ1716CE Supplement No. 8 dated 06/30/09**

**DORNIER 328-300**

PRODUCT #	DESCRIPTION
DAPS350	VGA DISTRIBUTION AMPLIFIER
FDREMOTE-M	UNIVERSAL REMOTE CONTROL - METAL
FD70ARM (28V)	7" DISPLAY & ARM MOUNT

**STC#SA02332AK**

**PMA No. PQ1716CE Supplement No. 9 dated 09/07/09**

**CESSNA 100/200 Series**

PRODUCT #	DESCRIPTION
FD90AID-LG	Flip Down Controller - Long

**STC# SR09468RC**

**PMA No. PQ1716CE Supplement No.10 dated 06/22/10**

**EUROCOPTER / EC 135P1, P2, P2+, T1, T2, T2+**

PRODUCT #	DESCRIPTION
FD800CAM-2	HIGH-RESOLUTION CAMERA