

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

Number ST01651CH

This certificate issued to

Spectrum Aeromed, Inc.
304 4th Street North
Wheaton, MN 56296

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 Type Certificate Data Sheet No. T00008WI as amended by Exemption No. 7769, dated May 14, 2002, Docket No. FAA-2002-11852 for complete certification basis.

Original Product--Type Certificate Number: T00008WI
Make: Learjet Inc.
Model: 45

Description of Type Design Change:

Install air ambulance conversion in accordance with Spectrum Aeromed Inc. Drawing 6015, Revision 1, dated May 20, 2002, or later FAA approved revisions.

Limitations and Conditions:

1. FAA Approved Aircraft Flight Manual Supplement FMS6015, Revision 1, dated May 30, 2002, or later FAA approved revision is required.
2. Installation requires previous or concurrent installation of Learjet Floor Plan 3 (Double Club) interior.
3. Compatibility of the design change with previously approved modifications must be determined by the installer.
4. 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: April 20, 2002

Date reissued:

Date of issuance: May 30, 2002

Date amended:



By direction of the Administrator:

Mary Ellen A. Schutt
(Signature)

Mary Ellen A. Schutt
Manager, Airframe & Administrative Branch
Chicago Aircraft Certification Office

(Title)

1. Approving National Aviation Authority/Country:

FAA/USA

2

AUTHORIZED RELEASE CERTIFICATE

AIRWORTHINESS APPROVAL TAG, FAA Form 8130-3

3. Form Tracking Number:

JF-02-5-22-3

4. Organization Name and Address:
Spectrum Aeromed, Inc 304 4th St N., Wheaton, MN 56296

PMA No. PQ2435CE

5. Work Order/Contract/Invoice Number:
ST4150CH-T-1

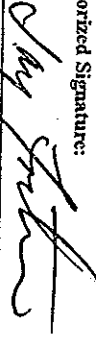
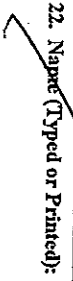
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	Ambulance Module	2800-002	B200	1	S/N 005	New

13. Remarks:
PMA product produced IAW PQ2435CE Authorization Drawing No. 2800-002, Rev IR, dated 11-17-97

14. Certifies the items identified above were manufactured in conformity to:

- Approved design data and are in a condition for safe operation.
- Non-approved design data specified in Block 13.

19. 14 CFR 43.9 Return to Service Other regulation specified in Block 13
- Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature: 	16. Approval/Authorization No.: DARF146029CE	20. Authorized Signature:	21. Approval/Certificate No.:
17. Name (Typed or Printed): JAY ROSTER	18. Date (m/d/y): 5-22-02	22. Name (Typed or Printed): 	23. Date (m/d/y):

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

*Installer must cross-check eligibility with applicable technical data.

1. Approving National Aviation Authority/Country:
 FAA/USA

AUTHORIZED RELEASE CERTIFICATE

AIRWORTHINESS APPROVAL TAG, FAA Form 8130-3

2. Form Tracking Number:
 JF-02-5-22-1

4. Organization Name and Address:
 Spectrum Aeromed, Inc. 304 4th St N, Wheaton, MN 56296



5. Work Order/Contract/Invoice Number:
 ST4150CH-T-1

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	Adapter	6315	N/A	1	S/N 001	Prototype

13. Remarks:
“CONFORMITY”
 Prototype Parts pending STC certification
 FAA Project ST4150CH-T-1, dated 5-15-02
 Drawing No. 6315, Rev IR, dated 5-13-02
 MRB #RP-0219 accepted per FAA form 8110-3 dated 5-14-02

14. Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in a condition for safe operation.
 Non-approved design data specified in Block 13.

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15. Authorized Signature: 	16. Approval/Authorization No.: DARF146029CE	20. Authorized Signature: 	21. Approval/Certificate No.:
17. Name (Typed or Printed): JAY FOSTER	18. Date (m/d/y): 5-22-02	22. Name (Typed or Printed):	23. Date (m/d/y):

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.
 Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.
 Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving National Aviation Authority/Country: **FAA/USA**

2. **AUTHORIZED RELEASE CERTIFICATE**
AIRWORTHINESS APPROVAL TAG, FAA Form 8130-3

3. Form Tracking Number: **JF-02-5-22-2**

4. Organization Name and Address: **Spectrum Aeromed, Inc 304 4th St N, Winton, MN 56296**

PMA No. **PQ243SCE**

5. Work Order/Contract/Invoice Number: **ST4150CH-T-1**

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	Stretcher	1201-001	B200	1	S/N 059	New

13. Remarks: **PMA product produced IAW PQ243SCE Authorization Drawing No. 1201-001-A, Rev DR, dated 5-20-97, ECO 120101AC-E1, 120X0X-E1**

14. Certifies the items identified above were manufactured in conformity to:

Approved design data and are in a condition for safe operation.
 Non-approved design data specified in Block 13.

19. 14 CFR 43.9 Return to Service Other regulation specified in Block 13
 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature: *Jay Foster*

16. Approval/Authorization No.: **DARF146029CE**

17. Name (Typed or Printed): **JAY FOSTER**

18. Date (m/d/y): **5-22-02**

20. Authorized Signature: _____

21. Approval/Certificate No.: _____

22. Name (Typed or Printed): _____

23. Date (m/d/y): _____

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

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FAA APPROVED
AIRCRAFT FLIGHT MANUAL SUPPLEMENT
FOR AIR AMBULANCE

Learjet
45

Aircraft Registration No. VH-PFS
Aircraft Serial No. 45-168

This Supplement must be attached to the FAA Approved Aircraft Flight Manual, when the aircraft is modified by the installation of intensive care equipment in accordance with the Supplemental Type Certificate No. ST01651CH dated MAY 30, 2002. The information contained herein supplements or supersedes the basic manual only in those areas listed. For limitations, procedures, and performance information not contained in this Supplement, consult the basic Aircraft Flight Manual.

FAA APPROVED


FOR: Charles L. Smalley

Manager, Systems and Flight Test Branch
Chicago Aircraft Certification Office
FAA Central Region

Reg. No. VH-BFS
Ser. No. 45-168

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Spectrum Aeromed, Inc.
304 4th St. N.
Wheaton, MN 56296

AFM SUPPLEMENT FOR
Learjet
Series 45

Reg. No. VH-PFS
Ser. No. 45-168

Log of Revisions

Rev.	Description	Pages	FAA Approval	Date
IR	Original Issue	All	<i>Joseph Mias</i>	MAY 30 2002
1	Corrected existing aircraft cabin layout and changed placard wording Entire document reflects Revision 1	All	<i>Joseph Mias</i>	MAY 30 2002

FMS6015
FAA Approval Date : MAY 30 2002

3 of 15
Rev. : 1

SECTION 1 - GENERAL

This supplement contains special instructions for aircraft and medical equipment operations when the aircraft has been converted to perform aeromedical (air ambulance) missions.

The aircraft with the medical conversion installed, can transport one litter patient. The medical system may include any or all of the following features:

Medical System (Ambulance Module) - 3500 Liter Oxygen (Select Systems).

Stretcher - The stretcher attaches to the medical base and restrain the patient.

Additional information concerning the medical system equipment, such as weights, locations, etc., is contained in this supplement (Section 6).

This supplement contains warnings, cautions, and notes that emphasize important and critical instructions and are used for the following conditions:

WARNING

An operating procedure, practice, etc., which if not corrected could result in personal injury or loss of life.

CAUTION

An operating procedure, practice, etc., if not strictly observed could result in damage or destruction of equipment.

NOTE

An operating procedure, condition, etc., which is essential to highlight.

SECTION 2 - LIMITATIONS

When medical system is installed, smoking is not permitted on board the aircraft.

Drawer capacity weight limits:

Adapter (6315) - Forward Drawer: 5 lb. (2.3 Kg) Aft Drawer: 5 lb. (2.3 Kg)

The aircraft seat that is directly aft of the medical system, shall not be occupied during taxi, take-off, and landing. Placard 200153, (which reads as follows: "When the aeromedical system is installed, this seat shall not be occupied during taxi, take-off, & landing"), is to be installed on the arm rest near the seat.

The aeromedical equipment shall only be installed into aircraft that have Floor Plan 3 (Double Club) layout.

Remove a life vest from one of the seats that were removed for the aeromedical installation and place it in the forward drawer of the adapter.

Crew & Passengers

The minimum crew required for an aeromedical flight will consist of the following: the minimum flight crew as outlined in the AFM and one medical person. Medical personnel will not be required to be on board the aircraft for test flights, during pilot training, evaluations, or when no medical systems are planned to be in use during the flight.

The medical system is designed for patient use only. Any patient occupying the medical system must utilize the restraints, which are mounted on the medical system and/or litter.

SECTION 3 - EMERGENCY PROCEDURES

Note: Immediate Action Steps - Those steps that must be performed immediately in an emergency situation are underlined. The most important single consideration is aircraft control. All procedures are subordinate to this requirement.

EGRESS

Evacuation via cabin door:

1. Open cabin door
2. Ambulatory passengers exit
3. Prepare patient for evacuation
4. Release stretcher locks
5. Exit aircraft with patient on stretcher

Evacuation via emergency exit:

1. Open emergency exits
2. Ambulatory passengers exit
3. Prepare patient for evacuation
4. Release safety belts on stretcher
5. Remove patient from stretcher
6. Pass patient through emergency exit, then exit

ELECTRICAL

None

SECTION 4 - ABNORMAL / NORMAL PROCEDURES

4.05 Abnormal Procedures

None

4.10 Normal Procedures

* Refer to Airplane Flight Manual for standard aircraft operating procedures. No smoking is allowed when any medical system is installed in the aircraft. When the medical system is installed and not in use, ensure the oxygen tank is turned off prior to leaving the aircraft.

SECTION 5 - PERFORMANCE

No Change

Reg. No. VH-PFS
Ser. No. 45-168

SECTION 6 - SUPPLEMENTS

6.05 Weight and Balance Information

CAUTION

For Weight and Balance Purposes, the installation of EMS equipment will require that the aircraft be weighed in each Major Medical Component Configuration, which is desired for installation. The aircraft need only be weighed for the initial installation(s) of each configuration desired for installation.

The aircraft Modified Basic Empty Weight and Balance sheet and equipment list must be updated for each ambulance interior modification by a certified mechanic. The actual installation location should be used to determine the medical configuration and patient/equipment moment.

The pilot must refer to the Weight and Balance Manual or the Airframe Logbook to obtain the medical component configuration. With the medical component configuration, stretcher weight (which is listed below), the weight of the patient, the weight of the equipment or accessories attached or stored in the medical system or on the overhead assembly, and the locations of each, the specific configuration can be determined and the weight and balance can be computed.

- 1203-001 stretcher = 40 lb. (18.1 kg)
- 1201-001 stretcher = 40 lb. (18.1 kg)

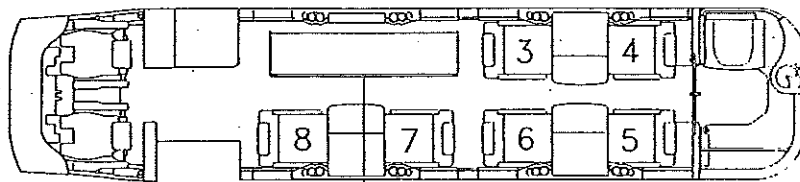
WEIGHT AND BALANCE / CENTER OF GRAVITY LIMITS

- 1. The component locations shown in the diagrams are average
- 2. The CG locations are noted for Medical Component Configurations

The following are a sample weight and balance and are for general information purposes only, the actual aircraft empty weight and balance with the ambulance configuration installed must be accomplished by a certified aircraft mechanic.

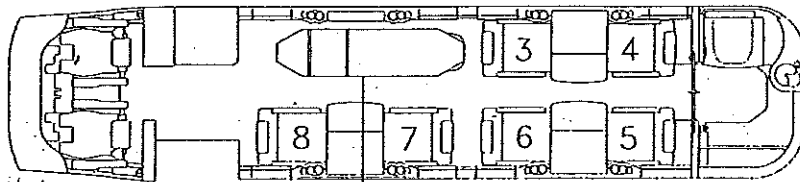
Cabin Layout Configurations

Configuration A = 2800-001
Configuration B = 2800-002



F.S. 302.6 (2800 Series Med System CG)

Configuration C =
20-B0AB-000AAA



F.S. 302.6 (20 Series Med System CG)

Reg. No. VH-PFS
 Ser. No. 45-168

Medical Configuration : A

Sample - (For Reference Only)

**Amendment to Aircraft Equipment List and
 Weight and Balance**

Aircraft Make: Learjet	Aircraft Model:	Aircraft Serial:	Aircraft Reg.:
------------------------	-----------------	------------------	----------------

PREVIOUS AIRCRAFT WEIGHT & BALANCE INFO.			
BY:	DATED:	WEIGHT	ARM
		13480.00	435.17
			MOMENT
			5866091.60

EQUIPMENT INSTALLED IN AIRCRAFT			WEIGHT	ARM	MOMENT
DESCRIPTION	MODEL/PART NUMBER	NOTES			
Medical Base	2800-001		38.00	302.60	11498.80
Adapter	6315	Incl. Drawer weights	35.00	302.60	10591.00
Stretcher	1201-001		40.00	302.60	12104.00
TOTAL OF EQUIPMENT INSTALLED			113.00		34193.80

EQUIPMENT REMOVED FROM AIRCRAFT			WEIGHT	ARM	MOMENT
DESCRIPTION	MODEL/PART NUMBER	NOTES			
Seat 1 (RH - Fwd)			-59.40	270.40	-16061.76
Seat 2 (RH)			-56.20	322.60	-18130.12
TOTALS OF EQUIPMENT REMOVED			-115.60		-34191.88

AMENDED AIRCRAFT WEIGHT AND BALANCE INFORMATION		
NEW AIRCRAFT EMPTY WEIGHT:	13477.40	Note: Refer to the aircraft Flight Manual for maximum weights and C.G. limits.
NEW AIRCRAFT MOMENT:	5866093.52	
NEW AIRCRAFT EMPTY C.G.:	435.25	

Spectrum Aeromed, Inc.
 304 4th St. N.
 Wheaton, MN 56296

AFM SUPPLEMENT FOR
 Learjet
 Series 45

Reg. No. VH-PFS
 Ser. No. 45-168

Medical Configuration : B

Sample - (For Reference Only)

Amendment to Aircraft Equipment List and Weight and Balance

Aircraft Make: Learjet	Aircraft Model:	Aircraft Serial:	Aircraft Reg.:
------------------------	-----------------	------------------	----------------

PREVIOUS AIRCRAFT WEIGHT & BALANCE INFO.		WEIGHT	ARM	MOMENT
BY:	DATED:	13480.00	435.17	5866091.60

EQUIPMENT INSTALLED IN AIRCRAFT			WEIGHT	ARM	MOMENT
DESCRIPTION	MODEL/PART NUMBER	NOTES			
Medical Base	2800-002	Incl. Drawer weights	86.00	302.60	26023.60
Adapter	6315		35.00	302.60	10591.00
Stretcher	1201-001		40.00	302.60	12104.00
TOTAL OF EQUIPMENT INSTALLED			161.00		48718.60

EQUIPMENT REMOVED FROM AIRCRAFT			WEIGHT	ARM	MOMENT
DESCRIPTION	MODEL/PART NUMBER	NOTES			
Seat 1 (RH - Fwd)			-59.40	270.40	-16061.76
Seat 2 (RH)			-56.20	322.60	-18130.12
TOTALS OF EQUIPMENT REMOVED			-115.60		-34191.88

AMENDED AIRCRAFT WEIGHT AND BALANCE INFORMATION		
NEW AIRCRAFT EMPTY WEIGHT:	13525.40	Note: Refer to the aircraft Flight Manual for maximum weights and C.G. limits.
NEW AIRCRAFT MOMENT:	5880618.32	
NEW AIRCRAFT EMPTY C.G.:	434.78	

Reg. No. VH-PFS
 Ser. No. 45-168

Medical Configuration : C

Sample - (For Reference Only)

**Amendment to Aircraft Equipment List and
 Weight and Balance**

Aircraft Make: Learjet	Aircraft Model:	Aircraft Serial:	Aircraft Reg.:
------------------------	-----------------	------------------	----------------

PREVIOUS AIRCRAFT WEIGHT & BALANCE INFO.		WEIGHT	ARM	MOMENT
BY:	DATED:	13480.00	435.17	5866091.60

EQUIPMENT INSTALLED IN AIRCRAFT			WEIGHT	ARM	MOMENT
DESCRIPTION	MODEL/PART NUMBER	NOTES			
Medical Base	20-B0AB-000AAA		83.00	302.60	25115.80
Adapter	6315	Incl. Drawer weights	35.00	302.60	10591.00
Stretcher	1203-001		40.00	302.60	12104.00
TOTAL OF EQUIPMENT INSTALLED			158.00		47810.80

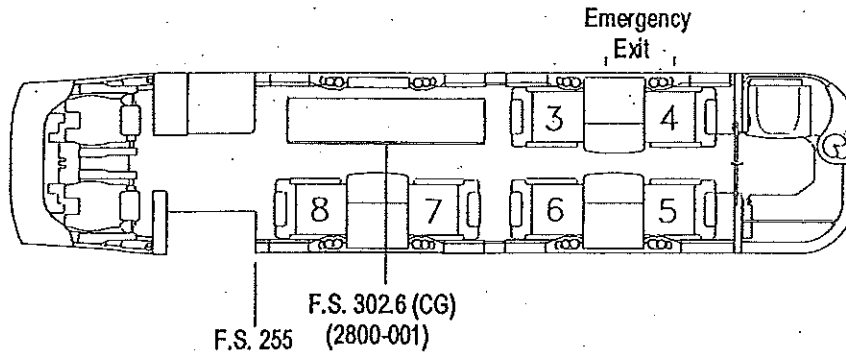
EQUIPMENT REMOVED FROM AIRCRAFT			WEIGHT	ARM	MOMENT
DESCRIPTION	MODEL/PART NUMBER	NOTES			
Seat 1 (RH - Fwd)			-59.40	270.40	-16061.76
Seat 2 (RH)			-56.20	322.60	-18130.12
TOTALS OF EQUIPMENT REMOVED			-115.60		-34191.88

AMENDED AIRCRAFT WEIGHT AND BALANCE INFORMATION		
NEW AIRCRAFT EMPTY WEIGHT:	13522.40	Note: Refer to the aircraft Flight Manual for maximum weights and C.G. limits.
NEW AIRCRAFT MOMENT:	5879710.52	
NEW AIRCRAFT EMPTY C.G.:	434.81	

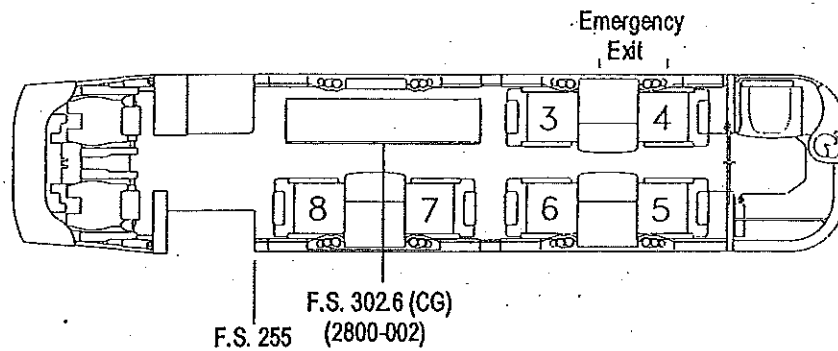
Reg. No. VH-PFS
Ser. No. 45-168

Medical Component Configuration Installations

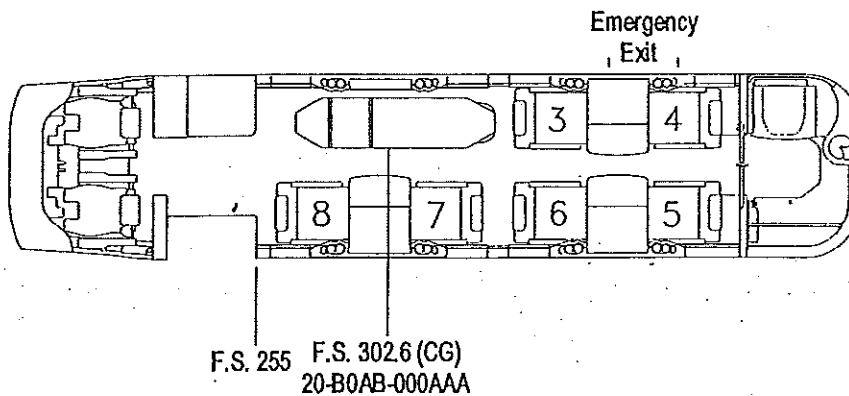
MEDICAL CONFIGURATION : A
2800-001 - Medical System CG Listed below



MEDICAL CONFIGURATION : B
2800-002 - Medical System CG Listed below



MEDICAL CONFIGURATION : C
20-B0AB-000AAA - Medical System CG Listed below



NOTES:

1. Locations of components shown in the diagrams above are +/- 1.0 Inch (2.54 cm).
2. Pilot must refer to the airframe logbook for new aircraft weight and balance information for the Medical Configuration Installed.

FMS6015
FAA Approval Date : MAY 30 2002

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Rev. : 1

Reg. No. VH-PFS
 Ser. No. 45-168

6.10 Miscellaneous

6.11 Aircraft Loading Form

A sample Aircraft Loading Form is given below. This is a generic loading form, the specific cabin configurations, loading and passenger information must be considered at all times.

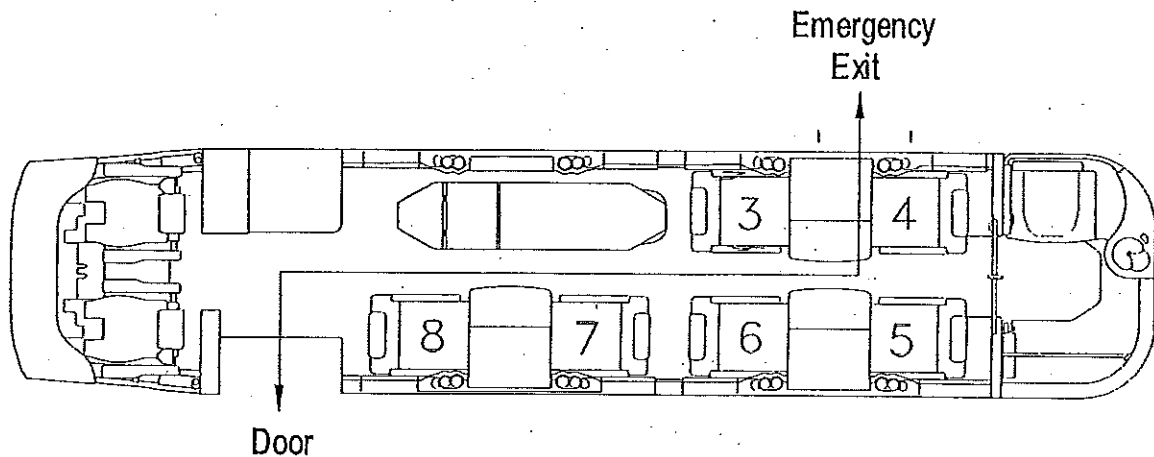
AIRCRAFT LOADING FORM

	WEIGHT	F.S.	MOMENT / 100
BASIC EMPTY WEIGHT			
Missing / Additional Equipment			
Pilot - Fwd / Aft			
Copilot - Fwd / Aft			
Provisions - Refreshment Cabinet			
Provisions - Vanity / Lavalory			
Miscellaneous			
OPERATING WEIGHT			
Baggage - Cabin			
Baggage - Aft			
Patient - Including Stretcher (Stretcher Weight = 40 lb. (18.1kg))			
Passenger 1			
Passenger 2			
Passenger 3			
Passenger 4			
Passenger 5			
Passenger 6			
Passenger 7			
Passenger 8			
ZERO FUEL WEIGHT (Take-off Data)			
Fuel - Wing Tanks			
Fuel - Front Ventral Tank			
Fuel - Rear Ventral Tank			
RAMP WEIGHT			
Taxi Burnoff			
TAKEOFF GROSS WEIGHT			
ZERO FUEL WEIGHT (Landing Data)			
Fuel - Wing Tanks			
Fuel - Front Ventral Tank			
Fuel - Rear Ventral Tank			
LANDING WEIGHT			

Reg. No. VH-PPS
Ser. No. 45-168

6.12 Emergency Egress Information

MEDICAL CABIN ARRANGEMENT EGRESS EVALUATION / EXIT LOCATIONS



6.13 Placard Information

Silkscreening, engraving or placards to be installed in the Aircraft when the aircraft is converted to an aeromedical configuration, to read as follows (near appropriate components):

Adapter Drawers (2 ea):

Max. Weight 5 lb (2.3 Kg) ✓

MA-061:

NO SMOKING

200153 (RH armrest):

WHEN AEROMEDICAL SYSTEM IS INSTALLED,
THIS SEAT SHALL NOT BE OCCUPIED DURING
TAXI, TAKE-OFF & LANDING

200154 (Forward drawer
of adapter):

LIFEVEST LOCATED INSIDE ✓

6.14 Patient Loading Information

WARNING

20 Series Medical Systems:

To ensure stretcher is locked into position, ensure visual indicators are protruding out and red is showing

2800 Series Medical Systems:

To ensure stretcher is locked into position, ensure end plate (locking plates) are latched

20 Series - Patient Loading Instructions: (litter patient)

(Single Patient Loading Only)

1. Open aircraft cabin door.
2. Install stretcher lock (SLA001-1; with 5" (12.7 cm) handle) on aft end of medical system where desired, (turn handle c-clockwise to move lock; release handle to engage track on med system).
3. Bring patient onboard aircraft.
4. Slide stretcher aft on med system until stretcher engages aft lock and visual indicators show red (visual indicators are located on stretcher legs and under stretcher frame).
5. Install stretcher lock (SLA001-1; with 5" (12.7 cm) handle) on forward end of medical system until stretcher is engaged and visual indicators show red, (turn handle c-clockwise to move lock; release handle to engage track on med system).
6. Check to ensure stretcher is secured by checking visual indicators, ensuring the handle knob on the stretcher locks are pointing downward, and by slightly tugging on the locks and stretcher.
7. Close cabin door.

20 or 2800 Series - Patient Loading Instructions: (ambulatory patient)

1. Open aircraft cabin door.
2. Help patient onboard aircraft.
3. Unbuckle patient restraints on stretcher.
4. Place or help patient onto stretcher.
5. Buckle and adjust patient restraints on stretcher until patient is secured on stretcher.
6. Check to ensure stretcher is secured by checking visual indicators, ensuring the handle knob on the stretcher locks are pointing downward, and by slightly tugging on the locks and stretcher.
7. Close cabin door.

20 Series - Patient Restraint Instructions:

1. Patient must be firmly secured to stretcher by using the 5-point harness and the leg belts.
2. Stretcher backrest must be down for takeoff and landing.

Patient Unloading Instructions: (litter patient)

(Single Patient Unloading Only)

1. Open aircraft cabin door.
2. Remove stretcher lock (SLA001-1; with 5" (12.7 cm) handle) from forward end of stretcher by turning handle clockwise and removing lock from medical system.
3. Slide stretcher forward and off the med system.
4. Remove stretcher and patient from the aircraft.
5. Re-install stretcher lock (SLA001-1; with 5" (12.7 cm) handle) on forward end of medical system.
6. Close cabin door.

Patient Unloading Instructions: (ambulatory patient)

1. Open aircraft cabin door.
2. Unbuckle patient from stretcher.
3. Help patient off stretcher.
4. Help patient off aircraft.
5. Close cabin door.

Patient Loading Instructions: (litter patients) 2800 series ambulance modules

1. Open aircraft cabin door.
2. Push "Push To Lock and Release Stretcher" button inward, and rotate stretcher lock down.
3. Slide stretcher (w/ patient head oriented forward) forward on med system until stretcher pins engage forward stretcher lock plate.
4. Adjust stretcher until aft stretcher lock plate can be engaged.
5. To engage stretcher lock plate, Push "Push To Lock and Release Stretcher" button inward, and rotate stretcher lock up until locking hooks engage the stretcher lock plate, release button.
6. Check to ensure stretcher is secured by visually ensuring, the lock button has extended back into original and the locking hooks have fully engaged the stretcher locking plate.
7. Close cabin door.

Patient Loading Instructions: (litter patient) 20 series ambulance modules

1. Open aircraft cabin door.
2. Install stretcher lock (SLA-001-1; with 5" handle) on forward end of medical system where desired, (turn handle c-clockwise to move lock; release handle to engage track on med system).
3. Bring patient onboard aircraft.
4. Slide stretcher forward on med system until stretcher engages forward lock and visual indicators show red (visual indicators are located on stretcher legs and under stretcher frame).
5. Install stretcher lock (SLA-001-3; with 10" handle) on aft end of medical system until stretcher is engaged and visual indicators show red, (turn handle c-clockwise to move lock; release handle to engage track on med system).
6. Check to ensure stretcher is secured by checking visual indicators, ensuring the handle knob on the stretcher locks are pointing downward, and by slightly tugging on the locks and stretcher.
7. Close cabin door.

Patient Loading Instructions: (ambulatory patient)

1. Open aircraft cabin door.
2. Help patient onboard aircraft.
3. Unbuckle patient restraints on stretcher.
4. Place or help patient onto stretcher.
5. Buckle and adjust patient restraints on stretcher until patient is secured on stretcher.
6. Check to ensure stretcher is secured by checking visual indicators, ensuring the handle knob on the stretcher locks are pointing downward, and by slightly tugging on the locks and stretcher.
7. Close cabin door.

Patient Restraint Instructions:

1. Patient must be firmly secured to stretcher by using the 4 or 5 point harness and the leg belts.
2. Stretcher backrest must be down for takeoff and landing.

Patient Unloading Instructions: (litter patient) 2800 series ambulance modules

1. Open aircraft cabin door.
2. Push "Push To Lock and Release Stretcher" button inward, and rotate stretcher lock down.
4. Slide stretcher outward and off the med system and onto patient loader, if used.
5. Remove stretcher and patient from the aircraft.
6. Re-engage stretcher lock plate, Push "Push To Lock and Release Stretcher" button inward, and rotate stretcher lock up until locking hooks engage the stretcher lock plate, release button.
7. Close cabin door.

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AFM SUPPLEMENT FOR
Learjet
Series 45

Reg. No. VH-PFS
Ser. No. 45-168

Patient Unloading Instructions: (litter patient) 20 series ambulance modules

1. Open aircraft cabin door.
2. Remove stretcher lock (SLA-001-3; with 10" handle) from aft end of medical system by turning handle clockwise and removing lock from medical system.
3. Slide stretcher forward and off the med system.
4. Remove stretcher and patient from the aircraft.
5. Re-install stretcher lock (SLA-001-3; with 10" handle) on aft end of medical system.
6. Close cabin door.

Patient Unloading Instructions: (ambulatory patient)

1. Open aircraft cabin door.
2. Unbuckle patient from stretcher.
3. Help patient off stretcher.
4. Help patient off aircraft.
5. Close cabin door.