



U.S. Department
of Transportation

**Federal Aviation
Administration**

October 18, 2023

JLC Aeronautical LLC

Dear JLC Aeronautical LLC:

The Aircraft Evaluation Division (AED) has reviewed your request for Supplemental Type Certificate (STC) relief that may be included in an operator's FAA approved MEL. The AEG finds your relief submission allowable as documented in the relief section of this letter. This relief is valid when an operator installs the listed STC on an aircraft that is listed in the Aircraft Model List (AML) below. No other application of this relief is allowed. The STC holder must contact the AED when the STC is amended, revised or revoked.

Operators may use this relief letter to incorporate the relief listed below into their Minimum Equipment List (MEL) upon publication of this letter and in accordance with the MEL approval process in FAA Order 8900.1. The relief granted remains valid indefinitely with possession of this letter unless the relief is specifically revoked or revised by the Administrator.

STC Applicant	JLC Aeronautical LLC
STC Number	SA4622SW
STC Description	Incorporation of a JLC Aeronautical Vapor Cycle Airconditioner system in the DHC-6-100,-200,-300,-400 Series Twin Otter
Aircraft Model List	Viking Air Limited (DHC-6) DHC-6-1, DHC-6-100, DHC-6-200, DHC-6-300, DHC-6-400 - T

Sincerely,

Brett Hoben
FOEB Chair,
Aircraft Evaluation Division

Approved STC Relief

System	Item	Category	Installed	Required	Remarks-Exceptions
21	-01 JLC Aeronautical Vapor Cycle Airconditioner system	A	1	0	(O) May be inoperative provided: a) Control switch selected OFF and system is placarded INOP, and b) Repairs or (M) procedures below are completed within 3-flight days.
21	-01 JLC Aeronautical Vapor Cycle Airconditioner system	D	1	0	(O) May be inoperative provided: a) Control switch selected OFF and system is placarded INOP, and (M) System electrical power is deactivated. a) Deactivate by pulling the system Circuit Protector F2. Circuit protector is located on the System Electrical Relay Panel (located in the aft baggage hold on FS 332 bulkhead). Placard system Inoperative.
21	-02 JLC Aeronautical Vapor Cycle Air-Conditioner System Blowers	A	2	0	(O) May be inoperative provided: a) Control switch selected OFF and system is placarded INOP, and b) Repairs or (M) procedures below are completed within 3-flight days.

21	-02 JLC Aeronautical Vapor Cycle Air-Conditioner System Blowers	D	2	0	<p>(O) May be inoperative provided:</p> <ul style="list-style-type: none"> a) Control switch selected OFF and system is placarded INOP, and <p>(M) System blower electrical power is deactivated.</p> <ul style="list-style-type: none"> a) Deactivate by pulling and collaring the respective circuit breaker. Circuit breakers are located on the Air-Con system Electrical Relay Panel (located on aft side of FS 332 bulkhead).
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