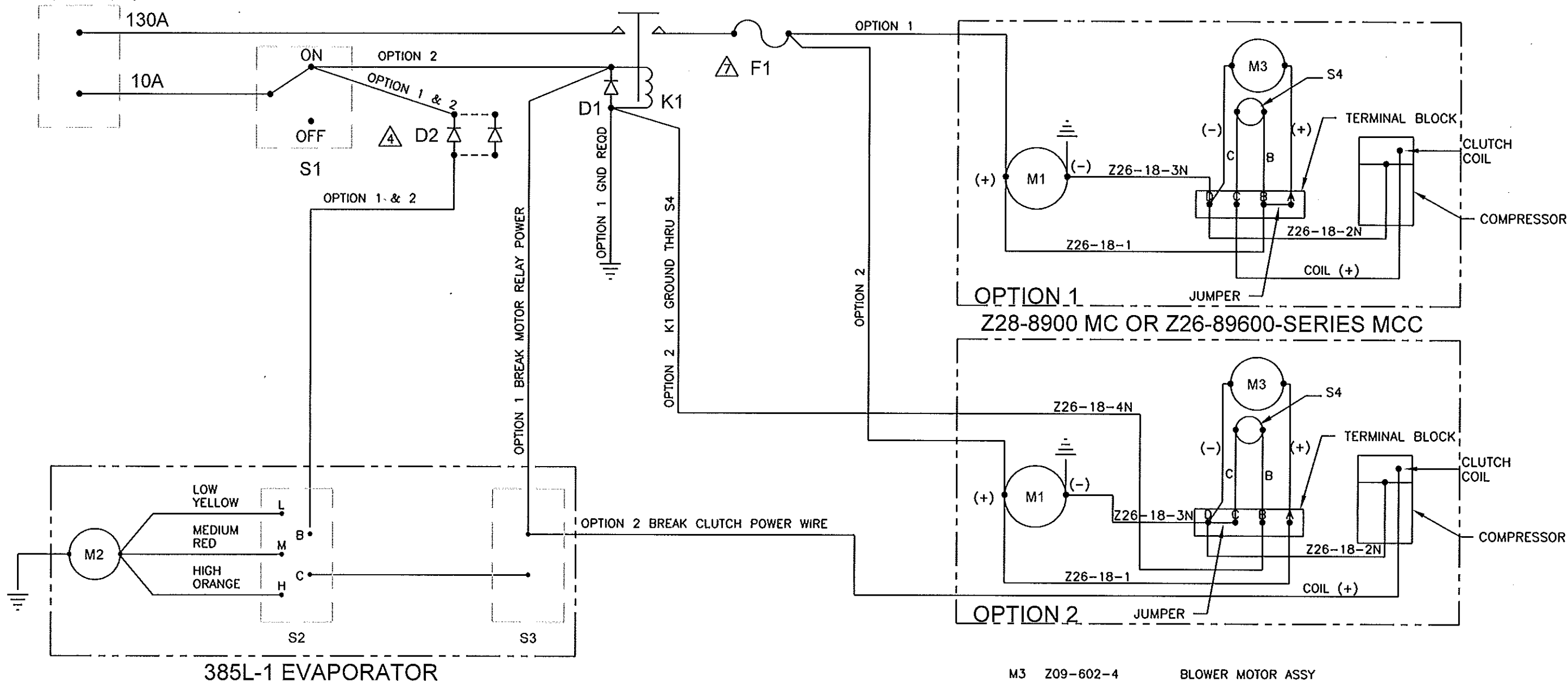


LIST OF REVISIONS

REV	DESCRIPTION	DATE	APPVD
IR	INITIAL RELEASE	7-14-10	KJZ

ACFT POWER



385L-1 EVAPORATOR

NOTES:

1. USE M22759/16-(xx) WIRE. REFER TO A.C.43.13-2B FOR WIRE SIZE.
2. COMPRESSOR DRIVE MOTOR M1, P/N Z99-800-1 IS RATED FOR CONTINUOUS DUTY, 150A @ 28 VDC.
3. TERMINAL END LUGS TO MEET MS25036, SPLICES TO MEET MS25181.
4. OPTIONAL FEED BACK CIRCUIT PROTECTION. USE 1EA DIODE D2 (6A10). L.
5. ZEE SYSTEMS, INC. RELAY ASSY w/DIODE P/N: DS032-1 HAS DIODE D1 P/N DS030-0202 INSTALLED. SEE L/M FOR ALTERNATE DIODE.
6. IF ALTERNATE RELAY K1 P/N MS24171-D2 IS USED DIODE D1 (OR ALTERNATE D1) MUST BE INSTALLED.
7. FOR CURRENT LIMITER US BASE P/N 4164.
8. FOR ADDITIONAL MC OR MCC WIRING DETAILS REFER TO CMM Z26-8900 AND Z26-89600 OR DRAWING Z26-8900WD.
9. OPTION 1 CONTROLS TEMP BY START/STOP OF COMPRESSOR MOTOR, CLUTCH AND POWER CONDENSER THRU RELAY K1.
10. OPTION 2 CONTROLS TEMP BY ENGAGE/DISENGAGE OF COMPRESSOR CLUTCH ONLY. COMPRESSOR DRIVE MOTOR, POWER CONDENSER RUN CONTINUOUSLY WHEN MASTER IS IN "ON" POSITION.

M3	Z09-602-4	BLOWER MOTOR ASSY
M2	470-48001	MOTOR BLOWER ASSY
M1	Z99-800-1	MOTOR, COMP DRIVE
D2	6A10	DIODE
D1	DS030-0202	DIODE
S4	Z99-032-1	PRESSURE SWITCH
S3	13-2205	TEMP CONTROL SWITCH
S2	12-2102	BLOWER CONTROL SWITCH
S1	MS24523-22	MASTER ON/OFF SWITCH
F1	ANL130	CURRENT LIMITER
K1	DS032-1	RELAY ASSY, w/DIODE

ALT: 1N4007
ALT: MS24171-D2
REFER TO SPECIFIC AIRCRAFT INSTALLATION FOR DETAILS

PROPRIETARY DATA NOTIFICATION
THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO ZEE SYSTEMS, INC. DISCLOSURE, REPRODUCTION OR ANY OTHER USE OR DISSEMINATION OF THIS INFORMATION IS FORBIDDEN WITHOUT WRITTEN AUTHORIZATION FROM ZEE SYSTEMS, INC., SAN ANTONIO, TX.

		x		PART NO.	NAME	STOCK SIZE	MATERIAL	MAT'L SPEC
NO. REQ'D. PER ASSY		x		LIST OF MATERIAL				
x	x	x		UNLESS OTHERWISE NOTED X+/- .060 XX+/- .030 XXX+/- .010	DRAWN BY K.ZAIONTZ	7-14-10	TITLE WIRING FOR 385L-1	
				CHECK				
				ENGR	K.ZAIONTZ	7-14-10	DWG NO. 385L-WD-F	
DASH NO.	REV	NO. PER ASSY	NEXT ASSY	MODEL	ZEE SYSTEMS, INC. 406 W. Rhapsody San Antonio, TX 78216 USA			
							SHT 1 OF 1	REV IR