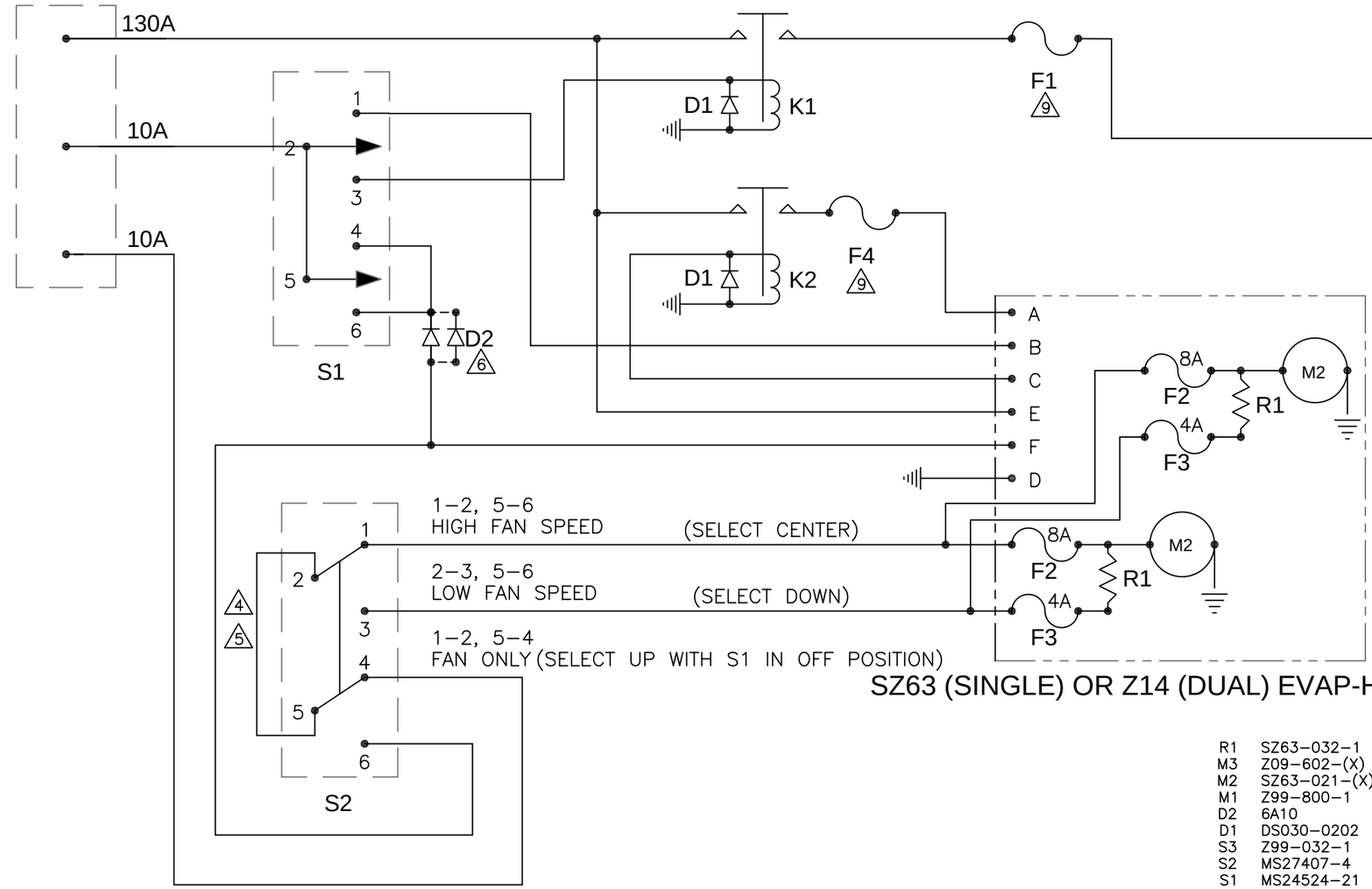
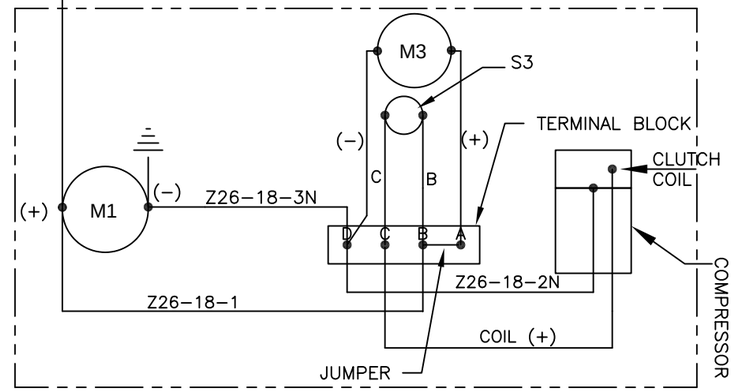
ACFT
POWER

LIST OF REVISIONS			
REV	DESCRIPTION	DATE	APPVD
IR	INITIAL RELEASE	3-12-09	KJZ



SZ63 (SINGLE) OR Z14 (DUAL) EVAP-HTR ASSY



Z28-8900 MC OR Z26-89600-SERIES MCC

R1	SZ63–032–1	RESISTOR
M3	Z09–602–(X)	MOTOR, BLOWER
M2	SZ63–021–(X)	MOTOR BLOWER
M1	Z99–800–1	MOTOR, COMP DRIVE
D2	6A10	DIODE
D1	DS030–0202	DIODE INCLUDED AS PART OF DS032–1 RELAY ALT: 1N4007
S3	Z99–032–1	PRESSURE SWITCH
S2	MS27407–4	SWITCH
S1	MS24524–21	SWITCH
F4	ANL80	CURRENT LIMITER
F3	MDL–4	FUSE
F2	MDL–8	FUSE
F1	ANL130	CURRENT LIMITER
K2	DS032–1	RELAY ASSY, w/DIODE ALT: MS24171–D2
K1	DS032–1	RELAY ASSY, w/DIODE ALT: MS24171–D2

REFER TO SPECIFIC AIRCRAFT INSTALLATION FOR DETAILS

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. JUMPER 2 TO 5 ON SWITCH S2.
5. S2 KEYWAY MUST BE UP.
6. OPTIONAL. IF SINGLE BLOWER M2 IS USED USE 1EA DIODE D2 (6A10). IF DUAL BLOWER UNIT INSTALL 2EA D2 DIODE IN PARALLEL.
7. ZEE SYSTEMS, INC. RELAY ASSY w/DIODE P/N: DS032–1 HAS DIODE D1 P/N DS030–0202 INSTALLED. SEE L/M FOR ALTERENATE DIODE.
8. IF ALTERNATE RELAY K1 P/N MS24171–D2 IS USED DIODE D1 (OR ALTERNATE D1) MUST BE INSTALLED.
9. FOR CURRENT LIMITER US BASE P/N 4164.
10. FOR ADDITIONAL MC OR MCC WIRING DETAILS REFER TO CMM Z26–8900 AND Z26–89600 OR DRAWING Z26–8900WD.

PROPRIETARY DATA NOTIFICATION

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					X	PART NO.	NAME	STOCK SIZE	MATERIAL	MAT'L SPEC
NO. REQ'D. PER ASSY						LIST OF MATERIAL				
DASH NO.	NO. REQ'D PER ASSY	NEXT ASSY		MODEL						

UNLESS OTHERWISE NOTED
.X+/-.060
.XX+/-.030
.XXX+/-.010

DRAWN BY	K.ZAIONTZ	11-14-03
CHECK		
STRESS		
ENGR	K.ZAIONTZ	11-14-03

TITLE
TYPICAL SCHEMATIC (FUNCTIONAL)

DWG SIZE 11X17 | SCALE N/A | SHT 1 OF 1

ZEE SYSTEMS, INC.
406 W. Rhapsody San Antonio, TX 78216 USA

DWG NO. Z26H-WD-F

REV IR