FIRE ALARM / MASS NOTIFICATION LOGIC MATRIX

INPUTS	OUTPUTS															
	TRANSMIT ALARM SIGNAL	TRANSMIT GENERAL SUPERVISORY SIGNAL	TRANSMIT MNS SUPERVISORY SIGNAL	TRANSMIT TROUBLE SIGNAL	INDICATION AT CONTROL PANEL	RECORD EVENT AT CONTROL PANEL	AUDIBLE ALARM NOTIFICATION TO OCCUPANTS	ACTIVATE WHITE STROBES	DEACTIVATE WHITE STROBES	ACTIVATE EXTERIOR BELL	REPORT TO FIRE STATION	SHUT DOWN HVAC	UNIQUE VOICE MESSAGE (CO)	ACTIVATE SPECIFIC TEXT SIGN MESSAGE	DISPLAY DEFAULT TEXT SIGN MESSAGE	DISPLAY NO MESSAGE ON TEXT SIGN
PULL STATION	X				X	X	X	X			X			X		
SPACE CARBON MONOXIDE DETECTOR	X					X	X	X			X		X	X		
SPACE SMOKE DETECTOR WITHOUT SOUNDER BASE	X				X	X	X	X			X			X		
DUCT SMOKE DETECTOR		X			X	X					X	X				
SPRINKLER WATER FLOW	X				X	X	X	X		X	X			X		
VALVE TAMPER SWITCH		X			X	X					X					
TRAINER PANEL ALARM SIGNAL	X				X	X	X	X			X			X		
TRAINER PANEL SUPERVISORY SIGNAL		X			X	X	X	X			X			X		
TRAINER PANEL TROUBLE SIGNAL				X	X	X	X	X			X			X		
TEXT SIGN - LOSS OF VOLTAGE				X	X	X					X					X
TEXT SIGN - VOLTAGE RESTORED															X	
120V POWER SUPPLY											X					
REMOVAL OF ALARM OR SUPERVISORY PANEL MODULES				X	X	X					X					
IDC - LINE CIRCUIT OPEN				X	X	X					X					
IDC - LINE CIRCUIT SHORT				X	X	X					X					
IDC - LINE CIRCUIT GROUND				X	X	X					X					
NAC - OPEN				X	X	X					X					
NAC - SHORT				X	X	X					X					
NAC - GROUND				X	X	X					X					
AC POWER FAILURE				X	X	X					X					
TEST MODE				X	X	X					X					
BATTERY FAULT				X	X	X					X					
LOW BATTERY VOLTAGE				X	X	X					X					
SUPERVISED COMPONENT FAILURE				X	X	X					X					
CONTROL COMPONENT COMMON TROUBLE				X	X	X					X					
SMOKE DETECTOR DISCONNECTION / TAMPER				X	X	X					X					
TROUBLE (OTHER)				X	X	X					X					
MNS ACTIVATION			X					X			X			X		
SYSTEM SILENCE				X	X	X			X						X	
SYSTEM SILENCE - ACKNOWLEDGED				X	X	X			X						X	
SYSTEM RESET				X	X	X			X						X	
FIRE PUMP PHASE REVERSAL				X	X	X					X					
FIRE PUMP LOSS OF PHASE				X	X	X					X					
FIRE PUMP LOSS OF POWER				X	X	X					X					
FIRE PUMP MOTOR RUNNING		X			X	X					X					
FIRE PUMP ROOM TEMPERATURE		X			X	X					X					

MASS NOTIFICATION PRE-RECORDED MESSAGES

PRIORITY MESSAGE	TEXT SIGN MESSAGE
1. [LIVE VOICEMICROPHONE]	LIVE VOICE
2. "ATTENTION. A BOMB THREAT ALERT HAS BEEN ISSUED FOR THIS BUILDING. ALL PERSONNEL ARE TO EVACUATE IMMEDIATELY USING THE NEAREST EXIT. FURTHER INSTRUCTIONS WILL BE ISSUED OUTSIDE THE BUILDING BY EMERGENCY RESPONSE TEAMS."	BOMB THREAT
3. "ATTENTION. A FORCE PROTECTION ANTITERRORISM THREAT HAS BEEN ISSUED FOR THIS AREA. EFFECTIVE IMMEDIATELY, WE ARE OPERATING, 'SECURE AND LOCKDOWN PROCEDURES.' ALL PERSONNEL SHOULD REMAIN CALM AND STAY WHERE YOU ARE. PLEASE WAIT FOR FURTHER INSTRUCTIONS."	INTRUDER ALERT
4. "ATTENTION. ALL PERSONNEL SHELTER IN PLACE."	SHELTER IN PLACE
5. "ATTENTION. EVACUATE BUILDING USING EXISTS OTHER THAN THE MAIN ENTRANCE AND EXITS. ALL PERSONNEL ARE TO EVACUATE IMMEDIATELY USING THE NEAREST ALTERNATE EXIT. FURTHER INSTRUCTIONS WILL BE ISSUED OUTSIDE THE BUILDING BY EMERGENCY RESPONSE TEAMS."	ALTERNATE EVACUATION
6. "ATTENTION. THE NATIONAL WEATHER SERVICE HAS ISSUED A SEVERE WEATHER WARNING FOR OUR AREA."	WEATHER
7. "MAY I HAVE YOUR ATTENTION PLEASE. MAY I HAVE YOUR ATTENTION PLEASE. A FIRE EMERGENCY HAS BEEN REPORTED IN THE BUILDING. PLEASE LEAVE THE BUILDING BY THE NEAREST." <PROVIDE A 2 SECOND PAUSE> "MAY I HAVE YOUR ATTENTION PLEASE..."(REPEAT THE MESSAGE).	FIRE EVACUATION
8. "ATTENTION. THE BUILDING EMERGENCY HAS ENDED. AN ALL CLEAR HAS BEEN GIVEN. PLEASE RESUME NORMAL ACTIVITIES."	ALL CLEAR
9. "ATTENTION. THIS IS A TEST OF THE EMERGENCY NOTIFICATION SYSTEM, REPEAT, THIS IS ONLY A TEST."	TEST
10. "MAY I HAVE YOUR ATTENTION PLEASE. MAY I HAVE YOUR ATTENTION PLEASE. A CARBON MONOXIDE EMERGENCY HAS BEEN REPORTED IN THE BUILDING. PLEASE LEAVE THE BUILDING BY THE NEAREST EXIT." <PROVIDE A 2 SECOND PAUSE> "MAY I HAVE YOUR ATTENTION PLEASE..."(REPEAT THE MESSAGE).	CARBON MONOXIDE

1 FIRE ALARM MATRIX

NOT TO SCALE

AIR MOBILITY COMMAND
LITTLE ROCK A F B, ARKANSAS

MARK	DESCRIPTION	DATE

File Path: Autodesk Docs://806-2600798 - L0/AFB B718 Dorm/806-2600798 - L0/AFB B718 Dorm - MEPF_R25.rvt

Plot Date: 7/20/2026 2:11:53 PM

ISSUE DATE: JULY 2026
SOLICITATION NO.:
CONTRACT NO.:

DESIGNED BY: Designer
DRAWN BY: Author
CHECKED BY: Checker
SUBMITTED BY:
SIZE: ARCH D

NORTH LITTLE ROCK AIR FORCE BASE

CARVER GIDEON USA

LITTLE ROCK AFB, JACKSONVILLE, AR
LRAFB B718 DORM

MATRIX/MESSAGES

SHEET ID

FA003