AVERAGING SUPPRESSION SYSTEMS THAT COMPLY WITH THE FARs ONLY

POINT-TO-POINT SUPPRESSION SYSTEMS THAT COMPLY WITH TGM/25/09 AND JAA NPA 25D, F-316 CAT. 1 ITEMS – MECHANICAL SYSTEMS

DETECTION ONLY SYSTEMS

DRAWING	SHEET NO.	TITLE	DATE	A/C CONFIGURATION / REVISION / DATE	1 −100 BOEING 737 200 SERIES	2 −200 BOEING 737 300 SERIES	3 −300 BOEING 737 300 SERIES	4 −400 BOEING 737 400 SERIES	5 −500 BOEING 737 400 SERIES	6 −600 BOEING 737 500 SERIES	7 −700 BOEING 737 500 SERIES	8 −800 BOEING 737 200 SERIES	9 −900 BOEING 737 300 SERIES	10 −1000 BOEING 737 400 SERIES	11 −1100 BOEING 737 500 SERIES	12 −1200 BOEING 737 200 SERIES	13 −1300 BOEING 737 300 SERIES	14 −1400 BOEING 737 400 SERIES	15 −1500 BOEING 737 500 SERIES	16 −1600 BOEING 737 200 SERIES	17 −1700 BOEING 737 300 SERIES	18 −1800 BOEING 737 400 SERIES	19 −1900 BOEING 737 500 SERIES
TFC03−0132−( )	1	SPECIFICATION CONTROL DWG. WIRE KIT, SMOKE DETECTION	5/98	G/8−11−03	X	X	X			X		X	X		X	X	X		X	X	X		X
TFC03−0134−( )	1	SPECIFICATION CONTROL DWG. HARNESS, SUPPRESSION	5/98	E/8−11−03	X	X	X			X		X	X		X	X	X		X				
TFC03−0136	1	SPECIFICATION CONTROL DWG. SYSTEM DIAGRAM SMOKE DETECTION, NON−AUTOFIRE, B737	5/98	H/8−11−03	X	X	X			X		X	X		X	X	X		X				
TFC03−0138	1	SPECIFICATION CONTROL DWG. SYSTEM DIAGRAM CARGO FIRE SUPPRESSION, NON−AUTOFIRE, B737	5/98	C/4−19−99	X	X	X			X		X	X		X	X	X		X				
1 TFC03−0140	1	SPECIFICATION CONTROL DWG. WIRE LIST	5/98	E/8−11−03	X	X	X			X		X	X		X	X	X		X	X	X		X
TFC03−0144−( )	1	SPECIFICATION CONTROL DWG, HOUSING ASSEMBLY FIRE DETECTION, SYSTEM	6/98	B/5−03−00	X	X	X			X		X	X		X	X	X		X	X	X		X
TFC03−0146	1	SPECIFICATION CONTROL DWG, SPLICE LABEL FABRICATION / KIT	6/98	C/5−14−99	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X
TFC03−0148	1	SPECIFICATION CONTROL DWG, HARNESS, ADF EXTENSION	6/98	B/6−17−99		X							X				X						
TFC03−0150	1	SPECIFICATION CONTROL DWG, WIRE LIST (ADF EXTENSION HARNESS)	6/98	A/10−16−98		X							X				X						
TFC03−0152−( )	1	SPECIFICATION CONTROL DWG, MASTER KIT, SMOKE DETECTION/SUPPRESSION	6/98	C/5−03−00	X	X	X			X		X	X		X	X	X		X	X	X		X
TFC03−0154−( )	1	SPECIFICATION CONTROL DWG, MASTER KIT, SMOKE DETECTION/SUPPRESSION	7/07/99	A/5−03−00	X	X	X			X		X	X		X	X	X		X				
TFC03−0159	1	SPECIFICATION CONTROL DWG. FUEL FLOW PWR SUPPLY EXTENDER HARNESS	4/23/99	A/5−20−99	X							X				X							
TFC03−0198	1	SPECIFICATION CONTROL DWG. HARNESS KIT, CONTROL PANEL, AUTOFIRE	4/24/00	C/8−11−03	X	X	X			X		X	X		X	X	X		X	X	X		X
1 TFC03−0199	1	SPECIFICATION CONTROL DWG. SYSTEM DIAGRAM SMOKE DETECTION, AUTOFIRE, B737	5/03/00	C/8−11−03	X	X	X			X		X	X		X	X	X		X	X	X		X
3 TFC03−0200	1	SPECIFICATION CONTROL DWG. SYSTEM DIAGRAM CARGO FIRE SUPPRESSION, AUTOFIRE, B737	5/03/00	IR/5−03−00	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
TFC03−0203−( )	1	SPECIFICATION CONTROL DWG. SUPPLEMENTAL CONTROL PANEL RELOCATION KIT	7/14/00	IR/7−14−00	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
TFC03−0204−( )	1	SPECIFICATION CONTROL DWG. WIRE KIT, (OVHD CP)	7/14/00	IR/7−14−00	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
TFC03−0205−( )	1	SPECIFICATION CONTROL DWG. HARNESS KIT, CONTROL PANEL, AUTOFIRE (OVHD CP)	7/14/00	B/12−18−00	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
TFC03−0206−( )	1	SPECIFICATION CONTROL DWG. HARNESS, SUPPRESSION (OVHD CP)	7/14/00	IR/7−14−00	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
2 TFC03−0207−( )	1	SPECIFICATION CONTROL DWG, MASTER KIT, SMOKE DETECTION/SUPPRESSION	12/18/00	IR/12−18−00				X	X					X				X				X	
TFC03−0208−( )	1	SPECIFICATION CONTROL DWG. WIRE KIT, SMOKE DETECTION, AUTOFIRE	12/18/00	B/8−11−03				X	X					X				X				X	
TFC03−0209−( )	1	SPECIFICATION CONTROL DWG. WIRE KIT, SUPPRESSION, AUTOFIRE	12/18/00	A/12−13−01				X	X					X				X				X	
TFC03−0210−( )	1	SPECIFICATION CONTROL DWG, HOUSING ASSEMBLY FIRE DETECTION, SYSTEM	12/18/00	IR/12−18−00				X	X					X				X					
2 TFC03−0211	1	SPECIFICATION CONTROL DWG. WIRE LIST	12/18/00	A/8−11−03				X	X					X				X				X	
TFC03−0212−( )	1−2	EXTENSION HARNESS KIT, CARGO FIRE SUPPRESSION, NON−AUTOFIRE	9/23/00	IR/9−23−00	X							X				X							
TFC03−0213	1	SPECIFICATION CONTROL DWG. SYSTEM DIAGRAM SMOKE DETECTION, AUTOFIRE, B737	12/18/00	B/8−11−03				X	X					X				X					
TFC03−0223−( )	1−2	EXTENSION HARNESS KIT, CARGO FIRE SUPPRESSION, AUTOFIRE	2/23/01	IR/2−21−01	X							X				X							
TFC03−0242−( )	1	SPECIFICATION CONTROL DWG., 5 CONDUCTOR COMPOSITE CABLE	3/17/03	IR/3−17−03	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X
TFC03−0243−( )	1−2	HARNESS KIT, SMOKE DETECTION	4/01/03	A/2−07−05	X	X	X			X		X	X		X	X	X		X	X	X		X
TFC03−0244−( )	1	HARNESS KIT, DETECTOR ENCLOSURE	4/01/03	C/2−07−05	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X
TFC03−0245−( )	1−2	HARNESS KIT, CONTROL PANEL, AUTOFIRE	4/01/03	IR/4−01−03	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X
TFC03−0246−( )	1−2	HARNESS KIT, FIRE SUPPRESSION	4/01/03	A/2−07−05	X	X	X			X		X	X		X	X	X		X				
TFC03−0247−( )	1−2	HARNESS KIT, INTERFACE TRAY ASSEMBLY	4/01/03	B/2−07−05	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X
TFC03−0248−( )	1−2	ENCLOSURE / WIRE HARNESS ASSEMBLY	4/01/03	IR/4−01−03	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X
TFC03−0249−( )	1	MASTER KIT, SMOKE DETECTION/SUPPRESSION	4/01/03	A/2−07−05	X	X	X			X		X	X		X	X	X		X	X	X		X
4 TFC03−0250	1−9	B737 WIRE LIST (MIL−W−22759)	2/11/03	B/12−05−14	X	X	X			X		X	X		X	X	X		X	X	X		X
4 TFC03−0251	1−7	SYSTEM DIAGRAM, SMOKE DETECTION, B737, AUTOFIRE	4/01/03	B/12−05−14	X	X	X			X		X	X		X	X	X		X	X	X		X
6 TFC03−0252	1	SYSTEM DIAGRAM, FIRE SUPPRESSION, B737, AUTOFIRE	4/01/03	IR/4−01−03	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X			
4 TFC03−0253	1−9	B737 WIRE LIST (BMS13−60)	4/01/03	B/12−05−14	X	X	X			X		X	X		X	X	X		X	X	X		X
TFC03−0254−( )	1−2	HARNESS KIT, SMOKE DETECTION	4/01/03	A/2−07−05				X	X					X				X				X	
TFC03−0255−( )	1−2	HARNESS KIT, FIRE SUPPRESSION	4/01/03	A/2−07−05				X	X					X				X				X	
TFC03−0256−( )	1	MASTER KIT, SMOKE DETECTION/SUPPRESSION	4/01/03	A/2−07−05				X	X					X				X				X	
5 TFC03−0257	1−7	SYSTEM DIAGRAM, SMOKE DETECTION, B737	4/01/03	B/12−09−11				X	X					X				X				X	
5 TFC03−0258	1−10	B737 WIRE LIST (MIL−W−22759)	4/01/03	A/9−06−04				X	X					X				X				X	
5 TFC03−0259	1−10	B737 WIRE LIST (BMS13−60)	4/01/03	A/9−06−04				X	X					X				X				X	
TFC03−0309−( )	1−2	HARNESS KIT, CONTROL PANEL	2/07/05	IR/2−07−05	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
4 TFC03−0310	1−9	B737 WIRE LIST (MIL−W−22759)	2/07/05	IR/2−07−05	X	X	X			X		X	X		X	X	X		X				
4 TFC03−0311	1−9	B737 WIRE LIST (BMS13−60)	2/07/05	IR/2−07−05	X	X	X			X		X	X		X	X	X		X				
5 TFC03−0312	1−10	B737 WIRE LIST (MIL−W−22759)	2/07/05	IR/2−07−05				X	X					X				X					
5 TFC03−0313	1−10	B737 WIRE LIST (BMS13−60)	2/07/05	IR/2−07−05				X	X					X				X					
4 TFC03−0314	1−7	SYSTEM DIAGRAM, SMOKE DETECTION, B737	2/07/05	IR/2−07−05	X	X	X			X		X	X		X	X	X		X				
6 TFC03−0315	1	SYSTEM DIAGRAM, FIRE SUPPRESSION, B737	2/07/05	IR/2−07−05	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
5 TFC03−0316	1−7	SYSTEM DIAGRAM, SMOKE DETECTION, B737	2/07/05	IR/2−07−05				X	X					X				X					

DATE: 09/13/02 TIME: 00:00

NOTES:

1. TO BE USED IN CONJUNCTION WITH ELECTRICAL MASTER KITS TFC03−0152−( ) AND TFC03−0154−( ).
2. TO BE USED IN CONJUNCTION WITH ELECTRICAL MASTER KIT TFC03−0207−( ).
3. TO BE USED IN CONJUNCTION WITH ELECTRICAL MASTER KITS TFC03−0152−( ), TFC03−0154−( ), AND TFC03−0207−( ).
4. TO BE USED IN CONJUNCTION WITH ELECTRICAL MASTER KIT TFC03−0249−( ).
5. TO BE USED IN CONJUNCTION WITH ELECTRICAL MASTER KIT TFC03−0256−( ).
6. TO BE USED IN CONJUNCTION WITH ELECTRICAL MASTER KITS TFC03−0249−( ) AND TFC03−0256−( ).
7. THESE CONFIGURATIONS PROVIDE CARGO SMOKE DETECTION ONLY AND DO NOT PROVIDE CARGO FIRE SUPPRESSION. SOME OF THE AAE INSTALLATION DRAWINGS EFFECTIVE TO THESE DETECTION ONLY CONFIGURATIONS CONTAIN DETAILS FOR BOTH DETECTION AND SUPPRESSION COMPONENTS.
8. COMPLY WITH AAE, LTD. SERVICE LETTER 26−6 FOR EACH CARGO FPS INSTALLATION.

REVISIONS

REV	DESCRIPTION	ECN	DATE	REVISED BY	APPROVED BY
IR	INITIAL RELEASE		09/13/02		W.A.E.
A	REFER TO DCN FOR CHANGES		11/14/02	J.T.S.	W.A.E.
B	REFER TO DCN FOR CHANGES		12/11/02	J.T.S.	W.A.E.
C	REFER TO DCN FOR CHANGES		04/01/03	J.T.S.	W.A.E.
D	REFER TO DCN FOR CHANGES		08/11/03	J.T.S.	W.A.E.
E	REFER TO DCN FOR CHANGES		01/26/05	J.T.S.	W.A.E.
F	REFER TO DCN FOR CHANGES		05/25/05	J.T.S.	W.A.E.
G	REFER TO DCN FOR CHANGES		10/21/05	J.T.S.	W.A.E.
H	REFER TO DCN FOR CHANGES		12/01/05	J.T.S.	W.A.E.
I	REFER TO DCN FOR CHANGES		03/22/06	J.T.S.	W.A.E.
J	REFER TO DCN FOR CHANGES		10/02/06	J.T.S.	W.A.E.
K	REFER TO DCN FOR CHANGES		11/17/08	J.T.S.	W.A.E.
L	REFER TO DCN FOR CHANGES		12/15/08	J.T.S.	W.A.E.
M	REFER TO DCN FOR CHANGES		02/25/09	J.T.S.	W.A.E.
N	REFER TO DCN FOR CHANGES		02/01/10	J.T.S.	W.A.E.
O	REFER TO DCN FOR CHANGES		06/07/10	J.T.S.	W.A.E.
P	REFER TO DCN FOR CHANGES		10/20/10	J.T.S.	W.A.E.
Q	REFER TO DCN FOR CHANGES		07/27/11	J.T.S.	W.A.E.
R	REFER TO DCN FOR CHANGES		02/27/12	J.T.S.	W.A.E.
S	REFER TO DCN FOR CHANGES		01/30/14	J.T.S.	W.A.E.
T	REFER TO DCN FOR CHANGES		05/25/14	J.T.S.	W.A.E.
U	REFER TO DCN FOR CHANGES		12/05/14	J.T.S.	W.A.E.
V	REFER TO DCN FOR CHANGES		09/01/16	K.S.W.	W.A.E.

OUTSTANDING ECN'S

ECN NUMBER	ECN NUMBER

EXAMPLE KIT IDENTIFICATION

TFK (AAE KIT IDENTIFIER) B737-200 (MODEL SERIES) -100 (BASIC KIT IDENTIFIER (SEE TABLE 1)) AEG (KIT OPTIONS (SEE SHT. 4))

THE MASTER DRAWING LIST COVERS THE BASIC INSTALLATION AND ALL OPTIONS REFER TO SHT. 4 FOR APPLICABLE DRAWINGS FOR SELECTED OPTIONS.

TABLE 1

A/C CONFIGURATION	APPLICABLE MODELS
−100	B737−200 AIRCRAFT (FAA CONFIGURATION, 60 MINUTE DURATION)
−200	B737−300 AIRCRAFT (FAA CONFIGURATION, 60 MINUTE CONFIGURATION)
−300	B737−300 AIRCRAFT (FAA CONFIGURATION, 140 MINUTE DURATION)
−400	B737−400 AIRCRAFT (FAA CONFIGURATION, 60 MINUTE DURATION)
−500	B737−400 AIRCRAFT (FAA CONFIGURATION, 140 MINUTE DURATION)
−600	B737−500 AIRCRAFT (FAA CONFIGURATION, 60 MINUTE DURATION)
−700	B737−500 AIRCRAFT (FAA CONFIGURATION, 140 MINUTE DURATION)
−800	B737−200 AIRCRAFT (EASA CONFIGURATION, 90 MINUTE DURATION)
−900	B737−300 AIRCRAFT (EASA CONFIGURATION, 90 MINUTE DURATION)
−1000	B737−400 AIRCRAFT (EASA CONFIGURATION, 90 MINUTE DURATION)
−1100	B737−500 AIRCRAFT (EASA CONFIGURATION, 90 MINUTE DURATION)
−1200	B737−200 AIRCRAFT (EASA CONFIGURATION, 64 MINUTE DURATION)
−1300	B737−300 AIRCRAFT (EASA CONFIGURATION, 64 MINUTE DURATION)
−1400	B737−400 AIRCRAFT (EASA CONFIGURATION, 64 MINUTE DURATION)
−1500	B737−500 AIRCRAFT (EASA CONFIGURATION, 64 MINUTE DURATION)
7 −1600	B737−200 AIRCRAFT (DETECTION ONLY CONFIGURATION)
7 −1700	B737−300 AIRCRAFT (DETECTION ONLY CONFIGURATION)
7 −1800	B737−400 AIRCRAFT (DETECTION ONLY CONFIGURATION)
7 −1900	B737−500 AIRCRAFT (DETECTION ONLY CONFIGURATION)

UNLESS OTHERWISE SPECIFIED
DRAWN IN AUTOCAD:
SCALE: NONE
PRINTED NOT TO SCALE
TOLERANCES ON:
DECIMALS
3 PLACE ± .015
2 PLACE ± .03
1 PLACE ± .10
FRACTIONS ± 1/32
ANGLES
MACHINED ±1/2°
FORMED ± 5.0°
SHEARED ± ~
HOLE TOLERANCE ±10% DIA.
SURFACE ROUGHNESS PER ANSI−B−46.1
MACHINE SURFACE FINISH
DIMENSIONING & TOLERANCING PER ANSI−Y−14.5
CONCENTRICITY BETWEEN ANY DIA(S) ON THE SAME CENTER LINE SHALL NOT EXCEED .010 TOTAL INDICATOR READING.
ALL DIM. IN INCHES & INCLUDE APPLIED FINISH.
WELD SYMBOLS PER ANSI−Y−32.3
RIVET CODE PER NAS 523
THREADS PER MIL−S−7742
MARK PER MIL−STD−130
REMOVE ALL BURRS AND SHARP EDGES
INTERPRET IN ACCORDANCE WITH DOD−STD−100

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APPD.	W.A. ENK	09/13/02
ENGR.	J.T. SUMMERVILLE	09/13/02
CKD. BY	W.D. WHITE	09/01/16
DRAWN BY	J.T. SUMMERVILLE	09/13/02

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TITLE: DRAWING LIST

DWG. NO.: TFA10−0061

MODEL: BOEING 737 SERIES

EFFECTIVITY: AS SHOWN

FILE NO. 1000611

SHEET: 1 of 6 REV: V