DUNCAN
AVIATION

SM

AIRCRAFT MODEL LIST AND CONFIGURATION

HONEYWELL MK V MK VII EGPWS

RUNWAY ADVISORY & AWARENESS SYSTEM (RAAS)

FAA STC ST01270WI-D

FAA-ODA
APPROVED

MAY 24 2012

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ODA admin:

Log of Revisions

Rev	Pages	Description	Prepared and Approved	Date
CD	All 3	Previous revision records; Ø thru CC are on file. Revised switch type for Learjet 45 s/n 45-376. Was NA	Doug Bates Prepared by Dawn H. Sawyer Approved by	May-22-2012 May-23-2012

Note: When this document is revised, it will be revised in its entirety. The latest revision letter is shown in the upper right-hand corner of each page.

INTRODUCTION:

This report provides a listing of the aircraft modified, along with the Runway Awareness and Advisory System (RAAS) configuration, when installed on the Honeywell MK V or MK VII EGPWS system and approved under this STC.

This report will be revised to document all aircraft modified under this STC and is FAA approved.

Type Certificate Number	Cert. Basis for Alteration	Aircraft Make	Aircraft Model	Aircraft Serial Number	RCD Card Number (Software)	Distance Unit of measure: Feet (F) or Meters (M)	Voice Gender: Female (F) or Male (M)	Approaching Runway-In Air (4.1) ON/OFF	Distance Remaining: Landing & Rollout (4.4) ON (50%), OFF, or for -224 SW or later: 1000, 2000, 3000, 4000, 5000.	Runway End Advisory (4.5) ON/OFF	Approaching Short Runway Length - In Air (5.1) Always (A), ON, or OFF	Insufficient Runway Length-On Ground (5.2) ON/OFF/Always (A)	Extended Holding Time On Runway, Initial (5.3) 60, 90, 120, 180, 240, 300, or OFF	Extended Holding Time on Runway Repeats (5.3) 30, 60, 90, 120, 180, 240, 300, or OFF	Taxiway Take Off (5.4)	Distance Remaining- Rejected Take-Off (5.5) ON (50%), OFF, or for -224 SW or later: 1000, 2000, 3000, 4000, 5000.	RAAS Audio Inhibit Switch Alternate (A). 10, 30, 60, 90, or NA	Aircraft Type Number	GPS Antenna Location: O to 200 in 5 ft. increments	Advisory Suppress Window: 500 ft. ± 50 ft. or 400ft. ± 50 ft.	Approaching Short Runway Length - In Air (5.1) Distance round up to nearest 100 ft. (30 meters)	Insufficient Runway Length - On Ground (5.2) Distance round up to nearest 100 ft. (30 meters)
T00008WI	ST00195BO	Learjet	45	061	998-3370-139	F	F	ON	ON	ON	ON	A	90	90	ON	ON	60	166	20 FT	500	4500	NA
A21EA	ST00640CH	Bombardier	CL-600-2B16 (CL-601-3A)	5014	998-3370-035	F	F	ON	ON	ON	A	A	60	60	ON	ON	NA	85	15 FT	500	NA	NA
A21EA	A21EA S.B. 604-34-003	Bombardier	CL-600-2B16 (CL-604)	5325	998-3370-126	F	M	ON	ON	ON	A	A	90	OFF	ON	ON	NA	40	15 FT	500	NA	NA
A21EA	ST00652WI	Bombardier	CL-600-1A11 (CL-600)	1082	998-3370-139	F	F	ON	ON	ON	ON	A	90	90	ON	ON	60	44	25 FT	500	5000	NA
A46EU	ST00593WI	Dassault	Falcon 50	224	998-3370-175	F	F	ON	ON	ON	ON	ON	OFF	OFF	ON	ON	A	82	15 FT	500	5000	5000
A12EA	ST00720WI	Gulfstream	G-1159B	016	998-3370-149	F	F	ON	OFF	OFF	ON	OFF	90	60	ON	ON	60	69	25 FT	500	5000	NA
T00008WI	ST00195BO	Learjet	45	065	998-3370-139	F	F	ON	ON	ON	ON	A	90	90	ON	ON	60	166	20 FT	500	4500	NA
A46EU	Dassault Av. Mod M2811	Dassault	Falcon 900EX	072	998-3370-175	F	F	ON	ON	ON	ON	ON	OFF	OFF	ON	ON	A	93	15 FT	500	5000	5000
A46EU	Dassault Av. Mod M2465	Dassault	Falcon 50	301	998-3370-213	F	F	ON	ON	ON	A	A	90	60	ON	ON	A	92	20 FT	500	NA	NA
A46EU	Dassault Av. Mod M2811	Dassault	Falcon 900EX	094	998-3370-213	F	F	ON	ON	ON	A	A	90	60	ON	ON	A	93	20 FT	500	NA	NA
A3EU	A3EU	Raytheon	Hawker 800XP	258599	998-3370-173	F	M	ON	ON	ON	ON	ON	OFF	OFF	ON	ON	30	176	15 FT	500	5000	5000
A12EA	ST02116AT-D	Gulfstream	GV	605	998-3370-241	F	M	ON	ON	ON	ON	ON	90	60	ON	ON	NA	96	15 FT	500	12000	4000
A22CE	ST00862CH-D	Cessna	560	0232	998-3370-242	F	M	ON	ON	ON	ON	ON	90	60	ON	ON	NA	29	15 FT	500	4000	4000
A22CE	ST00862CH-D	Cessna	560	0236	998-3370-242	F	M	ON	ON	ON	ON	ON	90	60	ON	ON	NA	29	15 FT	500	4000	4000

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T00003NY	T00003NY	Bombardier	BD-700-1A10	9055	998-3370-283	F	F	ON	ON	ON	ON	ON	90	60	ON	ON	NA	97	35 FT	500	5000	5000
A21EA	ST00652WI or Transport Canada STC SA05-72	Bombardier	CL-600-2B16	5088	998-3370-266	F	F	ON	ON	OFF	A	ON	OFF	OFF	ON	ON	60	85	15 FT	500	NA	NA
A12EA	A12EA	Gulfstream	G-IV	1495	998-3370-283	F	F	ON	ON	ON	ON	ON	90	60	ON	ON	NA	87	10 FT	500	5000	5000
A46EU	ST00600CH-D	Dassault	Falcon 900	179	998-3370-315	F	F	ON	ON	OFF	A	A	OFF	OFF	ON	OFF	60	93	15 FT	500	NA	NA
A3EU	ST00865CH-D	Raytheon	BAe 800A	258263	998-3370-314	F	F	ON	ON	ON	A	A	60	60	ON	ON	30	8	10 FT	500	NA	NA
A50NM	A50NM	Dassault	Falcon 2000EX	21	998-3370-324	F	F	ON	ON	ON	ON	ON	90	60	ON	ON	NA	91	15 FT	500	5000	5000
A3EU	ST09462SC	Raytheon	Hawker 800XP	258568	998-3370-347	F	F	ON	ON	ON	ON	ON	120	OFF	ON	ON	90	176	10 FT	500	6000	5500
A3EU	ST09462SC	Raytheon	Hawker 800XP	258598	998-3370-347	F	F	ON	ON	ON	ON	ON	120	OFF	ON	ON	90	176	10 FT	500	6000	5500
A46EU	SA8309SW-D	Dassault	Falcon 900EX	57	998-3370-403	F	F	ON	ON	OFF	ON	ON	120	120	ON	ON	60	93	15 FT	500	4000	4000
A21EA	ST00696WI	Bombardier	CL-600-2B16 (CL-601-3A)	5078	998-3370-414	F	F	ON	ON	ON	A	A	OFF	OFF	ON	ON	30	85	15 FT	500	NA	NA
A46EU	ST00808CH-D	Dassault	Falcon 900	14	998-3370-404	F	M	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	60	75	15 FT	500	NA	NA
A21EA	ST00652WI	Bombardier	CL-600-2B16 (CL-604)	5364	998-3370-439	F	F	ON	ON	ON	ON	ON	90	120	ON	ON	60	40	15 FT	500	4000	4000
A12EA	A12EA	Gulfstream	G-IV	1446	998-3370-047	F	F	ON	ON	ON	A	A	OFF	OFF	ON	ON	NA	87	15 FT	500	NA	NA

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A10CE	ST01028WI	Learjet	60	018	998-3370-494	F	F	ON	3000	ON	A	A	60	60	ON	3000	NA	78	20 FT	500	NA	NA
A50NM	Dassault Av. Mod M1500 Mod M1650	Dassault	Falcon 2000	91	998-3370-464	F	M	OFF	3000	ON	OFF	ON	OFF	OFF	ON	3000	30	91	15 FT	500	NA	4500
A46EU	ST00593WI-D	Dassault	Falcon 50	223	998-3370-492	F	M	ON	4000	ON	ON	ON	60	60	ON	4000	NA	82	15 FT	500	5000	5000
A10CE	ST01028WI	Learjet	60	022	998-3370-494	F	F	ON	3000	ON	A	A	60	60	ON	3000	NA	78	20 FT	500	NA	NA
A46EU	A46EU	Dassault	Falcon 50	290	998-3370-496	F	F	ON	ON	ON	ON	ON	120	120	ON	ON	NA	92	20 FT	500	5000	5000
A46EU	A46EU	Dassault	Falcon 50	308	998-3370-510	F	F	ON	2000	ON	ON	ON	90	30	ON	2000	30	92	20 FT	500	5000	5000
A12EA	A12EA	Gulfstream	GV	504	998-3370-482	F	F	ON	ON	ON	ON	ON	OFF	OFF	ON	ON	A	96	15 FT	500	4500	4500
A3EU	Raytheon AC Mod 25A161E	Raytheon	1000B	259022	998-3370-511	F	F	ON	1000	ON	ON	ON	90	120	ON	1000	30	67	15 FT	500	4000	4000
A12EA	ST01457AT-D	Gulfstream	G-IV	1277	998-3370-496	F	F	ON	ON	ON	ON	ON	120	120	ON	ON	NA	87	15 FT	500	5000	5000
A12EA	A12EA	Gulfstream	G-V	685	998-3370-496	F	F	ON	ON	ON	ON	ON	120	120	ON	ON	NA	96	15 FT	500	5000	5000
A46EU	ST00593WI-D	Dassault	Falcon 50	097	998-3370-517	F	F	ON	3000	ON	ON	ON	120	120	ON	ON	60	94	10 FT	500	4000	4000
T00003NY	T00003NY	Bombardier	BD-700-1A11	9152	998-3370-526	F	F	ON	2000	ON	ON	ON	90	60	OFF	2000	60	97	35 FT	500	4800	4800
A46EU	A46EU	Dassault	Falcon 50	305	998-3370-546	F	F	ON	ON	ON	ON	ON	60	30	ON	ON	60	92	15 FT	500	3900	3000
A46EU	Dassault Av. Mod M2811	Dassault	Falcon 900EX	81	998-3370-547	F	F	ON	2000	ON	ON	ON	60	30	ON	2000	60	93	15 FT	500	5000	5000

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A12EA	ST00072WI	Gulfstream	G-1159A	357	998-3370-557	F	F	ON	ON	ON	A	A	OFF	OFF	ON	ON	60	39	15 FT	500	NA	NA
A46EU	A46EU	Dassault	Falcon 900EX	056	998-3370-547	F	F	ON	2000	ON	ON	ON	60	30	ON	2000	60	93	15 FT	500	5000	5000
A21EA	A21EA S.B. 604-34-025	Bombardier	CL-600-2B16 (CL-604)	5504	998-3370-592	F	F	ON	2000	ON	ON	ON	60	30	ON	2000	60	40	10 FT	500	4900	4900
A3EU	A3EU	Raytheon	Hawker 800XP	258631	998-3370-592	F	F	ON	2000	ON	ON	ON	60	30	ON	2000	60	176	10FT	500	4900	4900
A3EU	ST00865CH-D	Raytheon	Hawker 800XP	258318	998-3370-650	F	M	ON	ON	ON	ON	ON	60	60	ON	ON	A	8	10FT	500	5000	5000
A46EU	Dassault Av. Mod M2811	Dassault	Falcon 900EX	108	998-3370-656	F	F	ON	ON	ON	A	A	90	60	ON	1000	A	93	15FT	500	NA	NA
A12EA	ST02116AT-D	Gulfstream	G-V	568	998-3370-621	F	M	ON	ON	ON	ON	ON	OFF	OFF	ON	OFF	NA	96	15FT	500	6000	5000
A10CE	A10CE	Learjet	60	285	998-3370-706	F	F	ON	2000	ON	ON	ON	120	120	ON	3000	60	78	20FT	500	5000	5000
A10CE	A10CE	Learjet	60	299	998-3370-706	F	F	ON	2000	ON	ON	ON	120	120	ON	3000	60	78	20FT	500	5000	5000
A21EA	S.B. 604-34-020	Bombardier	CL-600-2B16 (CL-604)	5385	998-3370-592	F	F	ON	2000	ON	ON	ON	60	30	ON	2000	60	40	10FT	500	4900	4900
A21EA	SA8109NM-D	Bombardier	CL-600-2B16 (CL-604)	5431	998-3370-439	F	F	ON	ON	ON	ON	ON	90	120	ON	ON	90	40	15FT	500	4000	4000
A12EA	A12EA	Gulfstream	G-V	618	998-3370-799	F	F	ON	2000	ON	ON	ON	90	60	ON	ON	A	96	15FT	500	4500	5000

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A16NM	ST01824CH-D	Gulfstream	Gulfstream 100	153	998-3370-883	F	F	ON	4000	ON	OFF	ON	OFF	OFF	ON	OFF	60	90	20FT	500	NA	4000
A22CE	SB 560-34-108	Cessna	560	0635	998-3370-905	F	F	ON	3000	ON	A	A	60	30	ON	3000	90	66	10FT	400	NA	NA
A46EU	ST00941CH-D	Dassault	Falcon 900	087	998-3370-561	F	F	ON	ON	ON	A	A	60	30	ON	ON	A	75	15FT	500	NA	NA
A21EA	S.B. 604-34-020	Bombardier	CL-600-2B16 (CL-604)	5511	998-3370-919	F	F	ON	2000	ON	ON	ON	90	60	ON	2000	60	40	15FT	500	4500	4500
A21EA	S.B. 604-34-020	Bombardier	CL-600-2B16 (CL-604)	5377	998-3370-922	F	F	ON	2000	ON	ON	ON	90	90	ON	2000	NA	40	15	500	4900	4900
A46EU	ST00327CH-D	Dassault	Falcon 900	104	998-3370-960	F	F	ON	2000	ON	A	A	60	60	ON	1000	60	75	15FT	500	NA	NA
A10CE	ST00702WI-D	Learjet	60	078	998-3370-968	F	F	ON	4000	ON	ON	A	60	60	ON	3000	A	78	20FT	500	4000	NA
T00008WI	T00008WI	Learjet	45	45-376	998-3371-013	F	F	ON	ON	ON	ON	ON	OFF	OFF	ON	ON	A	166	20FT	500	5000	5000