



MEMORANDUM FOR RECORD

Stephen Stein
Aviation Accident Investigator
National Transportation Safety Board
Office of Aviation Safety – Western Pacific Region

Weather Report – Madras Municipal Airport (S33), Madras, Oregon
Date & Time: July 22, 2019; 1300 PDT
NTSB Accident Number: WPR19LA198

S33 is a nearby weather observation facility located near the accident site.

METAR/SPECI from KS33		
SA	22/07/2019 23:55- >	METAR KS33 222355Z AUTO 31010KT 10SM SCT100 33/10 A2999 RMK AO2=
SA	22/07/2019 23:35- >	METAR KS33 222335Z AUTO 30007KT 250V310 10SM CLR 33/10 A2999 RMK AO2=
SA	22/07/2019 23:15- >	METAR KS33 222315Z AUTO 23004KT 10SM CLR 33/09 A3000 RMK AO2=
SA	22/07/2019 22:55- >	METAR KS33 222255Z AUTO 26004G14KT 10SM SCT110 33/09 A3000 RMK AO2=
SA	22/07/2019 22:35- >	METAR KS33 222235Z AUTO 33007G15KT 10SM SCT120 33/08 A3000 RMK AO2=
SA	22/07/2019 22:15- >	METAR KS33 222215Z AUTO 00000KT 10SM CLR 33/07 A3000 RMK AO2 LTG DSNT S=
SA	22/07/2019 21:55- >	METAR KS33 222155Z AUTO 33004G14KT 10SM CLR 32/07 A3001 RMK AO2=
SA	22/07/2019 21:35- >	METAR KS33 222135Z AUTO 34006G16KT 10SM CLR 32/07 A3001 RMK AO2=
SA	22/07/2019 21:15- >	METAR KS33 222115Z AUTO 32007KT 10SM CLR 32/07 A3001 RMK AO2=
SA	22/07/2019 20:55- >	METAR KS33 222055Z AUTO 27003KT 10SM CLR 32/07 A3001 RMK AO2=

SA	22/07/2019 20:35- >	METAR KS33 222035Z AUTO 00000KT 10SM CLR 31/07 A3001 RMK AO2=
SA	22/07/2019 20:15- >	METAR KS33 222015Z AUTO 32005KT 10SM CLR 31/07 A3002 RMK AO2=
SA	22/07/2019 19:55- >	METAR KS33 221955Z AUTO 29004KT 10SM CLR 30/06 A3002 RMK AO2=
SA	22/07/2019 19:35- >	METAR KS33 221935Z AUTO 00000KT 10SM CLR 29/06 A3003 RMK AO2=
SA	22/07/2019 19:15- >	METAR KS33 221915Z AUTO 04004KT 10SM CLR 29/07 A3003 RMK AO2=
SA	22/07/2019 18:55- >	METAR KS33 221855Z AUTO 35004KT 10SM CLR 28/07 A3004 RMK AO2=
SA	22/07/2019 18:35- >	METAR KS33 221835Z AUTO 10SM CLR 27/06 A3004 RMK AO2=
SA	22/07/2019 18:15- >	METAR KS33 221815Z AUTO 10SM SCT110 27/08 A3004 RMK AO2=
SA	22/07/2019 17:55- >	METAR KS33 221755Z AUTO 10SM BKN110 25/09 A3004 RMK AO2=
SA	22/07/2019 17:35- >	METAR KS33 221735Z AUTO 10SM CLR 26/10 A3004 RMK AO2=
SA	22/07/2019 17:15- >	METAR KS33 221715Z AUTO 10SM CLR 25/10 A3004 RMK AO2=

FAA SAIB CE-09-35 included a chart to determine the probability of carburetor icing. The plot below was based on the temperature and dewpoint at the time of the accident, 1955 UTC/1255 PDT, 86° F outside temperature, 43° F dewpoint.

