

IMPROVING FLIGHT SAFETY USING WEATHER RADAR

Margaret "Peggy" Swassing
Radar Flight Test Engineer
775 TS/ENVS
Air Force Flight Test Center
Edwards AFB, California 93524-6150
Phone: (661) 277-8955 DSN 527-8955 fax (661) 277-6862
e-mail: margaret.swassing@edwards.af.mil

Weather is one of aviation's most hazardous phenomena. There are many different ways weather can impact flight safety, including precipitation, windshear, turbulence and lightning. This paper will be about improving flight safety using weather radar systems to plan safe and efficient weather avoidance.