	FORM 12d USE PREVIOUS EDITION PROPOSED FOR Refuse 20	02/1 <b>0/2655@WDRA<b>P55/A00</b>836F</b>	R 100040123-0 ROUTIN	MRS. 7-65 IS
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	FRCM \$		8 Commo 16	
	ACTION			
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25X1	PRIORITY			
25X1	IDEALIST COMMO I	NTEL LIFE SUPPORT LOG	s	

- ASR 100 RADIO IN SEAT PACK WAS EXPOSED TO SALT WATER WHEN THE SEAT KIT VENT INTO THE WATER AT THE TIME OF EJECTION. TEAR IN RUCK SACK RESULTED FROM IMPACT DAMAGE, WHEN SEAT KIT STRUCK WATER. WATER EXPOSURE ACTUALLY EXISTED FROM TIME OF ACCIDENT.
- ASR 100 RADIO TOTALLY INOPERATIVE. EXTENSIVE CORROSION WAS FOUND IN BATTERY COMPARTMENT AND ALSO WITHIN THE RADIO ITSELF WHEN INSPECTED BY COMMO PERSONNEL HERE.
- 3. RUCK SACK TEAR IS NOT THE CRITICAL PROBLEM HERE, SINCE EXTENSIVE EXPOSURE TO WATER IS THE RULE IN ANY DITCHING OR BAILOUT WHERE PILOT MUST LAND IN WATER AND FXIST IN LIFE RAFT.
  - RADIO BEING RETURNED TO HQ FOR EVALUATION.
- ASR 100 RADIO IS UNSATISFACTORY FOR SEAT KIT USE IN ITS PRESENT CONFIGURATION WITHOUT WATERPROOFING.
  - RECOMMEND ASR 100 RADIO BE WATERPROOFED. SUCH WATERPROOFING

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MUST BF ABLF TO WITHSTAND DECOMPRESSION TO PRESSURE ALTITUDE OF AT LEAST 100,000 FT.

7. AS INTERIM MEASURE PENDING ACCEPTABLE FIX ON ASR 100 RECOMMEND USE OF URC-10 RADIO IN SEAT KITS. ONLY URC-4°S PRESENTLY AVAILABLE THIS STATION. WILL REQUIRE 12 URC-10°S.

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