

CLASSIFIED MESSAGE

SECRET

(When Filled In)

FILE INFO

31 JAN 69 89776

REPRODUCTION PROHIBITED

31 JAN 69 20 30

ACTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

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IDEALIST - D/M-1

SUBJ: H-2R FUEL OIL COOLING TUBE SEALS.

REF: 3404, 29 JAN 69 25X1

FROM:

IN VIEW OF THE RECENT INCIDENT DURING THE OVERSEAS FERRY FLIGHT, I AM CONCERNED THAT THE INSTALLATION OF THE INCORRECT HARD SEALS MAY BE CORRELATED WITH THE INCIDENT CAUSE. IT IS UNDERSTOOD THAT THE HARDER SEAL MATERIAL (PN 389847) REQUIRES A HIGHER TORQUE VALUE (220 INCH POUNDS) THAT THAT OF THE SOFTER SEALS (PN 227433) AND THAT THE ERRONEOUSLY INSTALLED SEALS (PN 389847) IS TORQUED TO THE VALUE OF SOFTER SEAL. ALSO, I ASSUME THAT THE COMPOSITION OF THE HARDER SEAL IS DIFFERENT FROM THAT OF THE SOFTER SEAL POSSIBLY CAUSING DETERIORATION THROUGH CHEMICAL PROCESS.

THIS OFFICE MUST ESTABLISH A TIME SCHEDULE FOR REPLACEMENT OF THE SUBJECT SEALS, SUCH AS, I.E., IMMEDIATE, URGENT (10 DAYS), OR ROUTINE (NEXT ENGINE ROLL BACK), TO CORRECTLY ASSESS THE SITUATION AND ESTABLISH THE PRECEDENCE THE FOLLOWING INFORMATION IS REQUIRED:

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A. COULD THE INSTALLATION OF THE HARD SEAL HAVE BEEN A CONTRIB-

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UTING CAUSE FACTOR IN SUBJECT INCIDENT?

B. ARE THE APPLIED SOFT SEAL TORQUE VALUES SUFFICIENT TO RETAIN THE NUT WITH THE HARD SEAL INSTALLED (TAB LOCKS CORRECTLY INSTALED).

C. WILL THE JP SPECIAL FUEL DETERIORATE THE HARD MATERIAL SEAL. CONSIDERATION IS THAT ON A ROUTINE BASIS, FLEET WIDE REPLACEMENT OF THE SOFT SEALS WILL NOT BE COMPLETED PRIOR TO APPROXIMATELY 1 JULY.

FURTHER ACTIONS PENDING YOUR REPLY.

SECRET

BT