

## CONCLUSIONS :

- 0. TEMPERATURE OF O-RING IS NOT ONLY PARAMETER CONTROLLING BLOW-BY

SRM 15 WITH BLOW-BY HAD AN O-RING TEMP AT 53°F  
SRM 22 WITH BLOW-BY HAD AN O-RING TEMP AT 75°F  
FOUR DEVELOPMENT MOTORS WITH NO BLOW-BY  
WERE TESTED AT O-RING TEMP OF 47° TO 52 °F

DEVELOPMENT MOTORS HAD PUTTY PACKING WHICH  
RESULTED IN BETTER PERFORMANCE

- 0. AT ABOUT 50°F BLOW-BY COULD BE EXPERIENCED IN CASE JOINTS

- 0. TEMP FOR SRM 25 ON 1-28-86 LAUNCH WILL  
BE 29°F 9 AM  
38°F 2 PM

- 0. HAVE NO DATA THAT WOULD INDICATE SRM 25 IS DIFFERENT THAN SRM 15 OTHER THAN TEMP