DAMON MINIMUM EVOLUTION PROGRAM

FY 82 83 84 85 86 87

F1 F2 F3 F4 F5 F6

FIELD MAINTAINABILITY UPGRADE

LOWER ALTITUDE

LONGER DURATION

REDUCE SUSTAINING

METRIC IMPROVEMENT

IMPROVE CAMERA - FILMS/OPTICS/CONTROLS

AESCF/DSC & COMPATIBLE

WLS SUN SYNCH CAPABLE

EXTENDED BASELINE

EVOLVE IMPROVEMENT IN:
- SCALE FACTOR
- CLOUD FREE RETURN
- AVAILABILITY & MAINTAINABILITY
- ECONOMY OF OPERATION
- METRIC ACCURACY
- IMAGE QUALITY
- RESPONSIVENESS
- ACCESS & QUALITY

15 APR 80

SECRET/D

HANDLE VIA BYEIAN CHANNELS ONLY
BENEFITS OF MINIMUM EVOLUTION DAMON PROGRAM

AFSCF/DSM & Compatibility

WLS SUN SYNCH LAUNCH CAPABILITY

IMPROVED METRIC COLLECTION

IMPROVED CAMERA & FILM CAPABILITIES

IMPROVED AVAILABILITY, RELIABILITY

REDUCED SUSTAINING MANPOWER

FIELD MAINTAINABILITY

LONGER FLIGHT DURATIONS

LOWER ALTITUDE CAPABILITY

EVOLVING DAMON

EXTENDED DAMON

BASELINE DAMON

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