

\$\$ADD NG T230598  
TYP01 N  
DAT01 230915  
CLA01 U  
FRQ01 M1090.0000  
EXD01 250831  
STC01 XD  
EMS01 22M00M1D  
PWR01 W.00300  
STC02 XD  
EMS02 8M00M1D  
PWR02 W.00300  
XSC01 AZ  
XAL01 YUMA  
XLA01 331055N  
XLG01 1140758W  
XAD01 13.8GPHASEDARRY00475H0003T  
XAP01 V  
XAZ01 ND  
RSC01 AZ  
RAL01 YUMA  
RLA01 331055N  
RLG01 1140758W  
RAD01 13.8GPHASEDARRY00475H0003T  
RAP01 V  
RAZ01 ND  
BUR01 FCC  
BIN01  
REM01 \*PRR,0-425  
REM02 \*RAD,0055,0030NM,B  
REM03 \*EQT,C,RAY AEROFLEX APM-424(V)5 ,PD30  
REM04 \*EQR,C,RAY AEROFLEX APM-424(V)5  
REM05 \*NTS,M018,FAA ,230915,AJIMENE,NG T230598  
SUP01 PURPOSE OF THE REQUEST:EXPERIMENTAL IFF TESTING;ADDITIONAL  
COMMENTS:OTH  
SUP02 E APM-424(V)5 IS A FLIGHT LINE TEST SET. THE EXPECTED USE FOR SENTINEL  
SUP03 CONSISTS OF INTERMITTENT, SHORT DURATION, CHECKOUT OF THE MODEL  
5800 INT  
SUP04 ERROGATOR. THE CHECKOUT ACTIVITIES WILL INVOLVE OVER-THE-AIR  
TRANSMISSI  
SUP05 ON OF MODE 1, 2, 3, C, AND 5 INTERROGATIONS FROM THE MODEL 5800

INTERROG

SUP06 ATOR TO A CO-LOCATED (WITHIN ~200 FEET), TRIPOD MOUNTED APM-424(V)5  
TEST

SUP07 SET. THE APM-424(V)5 WILL RECEIVE AND RESPOND OVER-THE-AIR TO THE  
INTE

SUP08 RROGATIONS. OPERATION OF THE APM-424(V)5 IS EXPECTED TO BE SHORT IN  
DUR

SUP09 ATION, TYPICALLY LESS THAN 1-2 HOURS IN A GIVEN DAY AND ONLY DURING  
OPER

SUP10 ATIONAL TESTING RADAR/INTERROGATOR. TYPICAL USE OF THE APM-424(V)5 IS  
E

SUP11 XPECTED TO BE LIMITED TO OPERATIONAL CHECKOUT OF THE MODEL 5800  
INTERROG

SUP12 ATOR AND TROUBLESHOOTING ACTIVITIES.;;