

ACCESSION NUMBER : 220642
 DATE OF OCCURRENCE : 9209
 REPORTED BY : FLC; ;
 PERSONS FUNCTIONS : FLC,FO; FLC,PIC.CAPT;
 FLIGHT CONDITIONS : MXD
 REFERENCE FACILITY ID : ROA
 FACILITY STATE : VA
 FACILITY TYPE : ARPT; ARTCC;
 FACILITY IDENTIFIER : ROA; ZDC;
 AIRCRAFT TYPE : MDT;
 ANOMALY DESCRIPTIONS : ACFT EQUIPMENT PROBLEM/CRITICAL;
 ANOMALY DETECTOR : COCKPIT/FLC; COCKPIT/EQUIPMENT;
 ANOMALY RESOLUTION : FLC OVERCAME EQUIP PROBLEM; ACFT EQUIP
 PROBLEM RESOLVED ITSELF;
 ANOMALY CONSEQUENCES : ACFT DAMAGED;
 NARRATIVE : DURING CLB TO CRUISE ALT, AT 8000 MSL.

THIS ACFT ENCOUNTERED LIGHT TURB AND THE AUTOPLT IMMEDIATELY MADE
 AN **INPUT** TO COUNTER. THE GND SPOILER DEPLOYED LIGHT ILLUMINATED
 AND THE CTL WHEEL WAS POSITIONED AT APPROX 50 DEGS L WING DOWN AND
 THE 'BALL' DISPLACED TO THE L. I DISENGAGED THE AUTOPLT AND KEPT
 THE CTL WHEEL AT 50 DEGS L WING DOWN AND CONSIDERABLE L **RUDDER**.
 THE IAS LOST ABOUT 25 KIAS AND WE MAINTAINED 125 KIAS AND 500 FPM
 CLB. I MAINTAINED 125 KIAS AND 300-500 FPM TO 17000 FT MSL. UPON
 REACHING 17000 MSL, CLB PWR WAS MAINTAINED AND CRUISE SPD WAS
 APPROX 155 KIAS. THE ACFT HANDLING WAS NORMAL EXCEPT FOR THE 50
 DEG CTL WHEEL **INPUT**, THE STRONG L **RUDDER** TRIM, AND THE APPROX
 30-40 KIAS TOO LOW AIRSPD. I DID NOT ENGAGE THE AUTOPLT FOR THE
 REMAINDER OF THE FLT. WHEN GIVEN A DSCNT BY ZDC, I BEGAN TO
 INCREASE AIRSPD IN 10 KIAS INCREMENTS AND THE ACFT HANDLED WELL.
 AT APPROX 232 KIAS, THE ACFT SUDDENLY JUMPED TO A L WING LOW, OUT
 OF TRIM CONDITION, THE GND SPOILER LIGHT WENT OUT AND AIRSPD
 STARTED TO INCREASE MORE RAPIDLY. THE ACFT NOW FLEW NORMALLY AND
 AN UNEVENTFUL LNDG WAS MADE AT BWI. MAINT LATER RPTED THAT THE
 SPOILER BRACKET BROKE AT 230 KIAS AND THE SPOILER RETRACTED
 ITSELF. RECOMMEND SOME METHOD OF RETRACTING SUCH SPOILER
 DEPLOYMENT IN FLT.

SYNOPSIS : THE L WING GND SPOILER ON AN MDT CAME
 OUT IN TURB. IT BROKE FREE AND RETRACTED WHEN THE ACFT SPED UP IN
 DSCNT.

REFERENCE FACILITY ID : ROA
 FACILITY STATE : VA
 DISTANCE & BEARING FROM REF. : 35,,E
 MSL ALTITUDE : 8000,17000