

Talks Tech Ten – Hydraulic B system Failure

Q1: What is the maximum hydraulic system pressure?

A: 3500psi

Q2: How are system A and B hydraulic reservoirs pressurized?

A: Bleed air

Q3: How is the alternate brake system powered?

A: System A

Q4: Why do we leave the engine driven hydraulic pump switches ON on shutdown?

A: To prolong the life of the blocking valve solenoid

Q5: When is the standby hydraulic system LOW PRESSURE light armed?

A: when the standby pump is in operation either by selection or automatically

Q6: What will the standby pump supply pressure to?

A: Rudder, leading edge devices, thrust reversers and standby yaw damper

Q7: What does an IMBAL light below one of the main fuel tank indicators represent?

A: An imbalance of more than 453kg/1000lbs between main tanks

Q8: Where is the manual defueling valve and what is its purpose?

A: Outboard of no2 engine and to defuel or transfer fuel between tanks

Q9: What are the memory items for a runaway stabilizer?

A: 1 Control column. Hold firmly
2 Autopilot (if engaged)..... Disengage
3 Autothrottle (if engaged)..... Disengage
4 Control column and thrust leversControl airplane pitch attitude and airspeed
5 MainElectric Stabilizer trimReduce control column forces

6 If the runaway stops after the autopilot is disengaged:
Do not re-engage the autopilot or autothrottle.



7 If the runaway continues after the autopilot is disengaged:

STAB TRIM cutout switches(both) CUTOUT

If the runaway continues:

Stabilizer trimwheel Grasp and hold

Q10: When the window heat switches are ON, if fitted, why are the green ON lights not always illuminated?

A: power is removed when the window has reached operating temperature.