Air Midwest Flight 5481, Charlotte, NC Board Meeting

Robert L. Swaim

National Resource Specialist Aircraft Systems Engineering





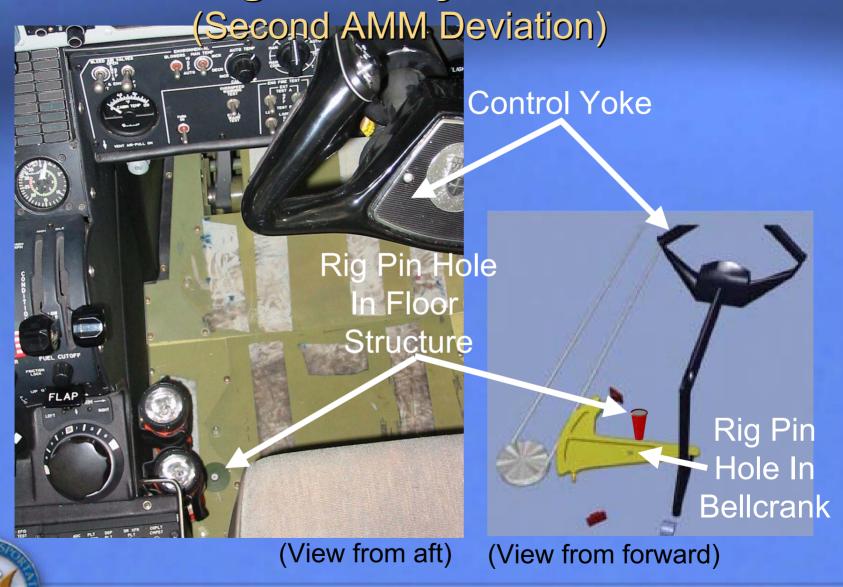
Aft Rig Pin Installed in Ground Tests

(First AMM Deviation)



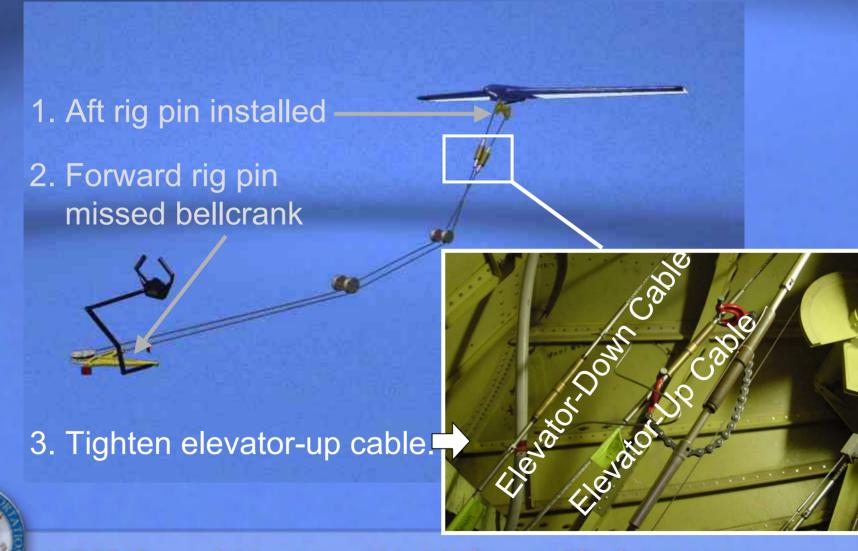


Forward Rig Pin May Miss Bellcrank



Tighten Control Cables

(Third AMM Deviation)



Tightening Elevator-Down Cable Moved Forward Bellcrank Aft

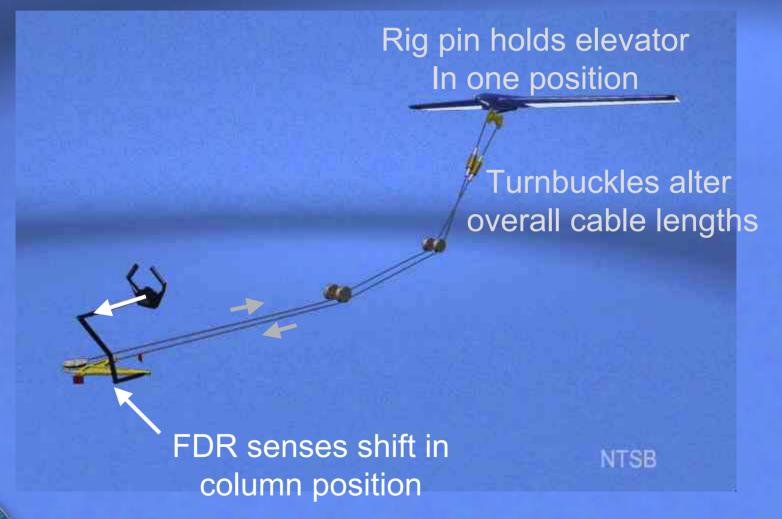


Side of Bellcrank Stopped At Improperly Installed Rig Pin.

(Pin should be inserted in bellcrank hole.)



Cable Misrig Altered Relation Between FDR Sensor and Elevator





Colgan Accident



CommutAir Incident





Functional Inspections Should Be Required for Critical Maintenance





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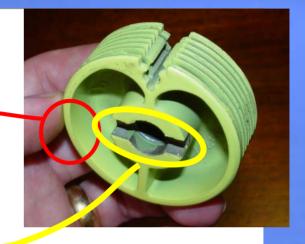




Pitch Trim Cable Drum Illustration

Colgan Air Flight 9446 Investigation

RIGHT HAND THREADS CABLE FROM THE PEDESTAL TAB CONTROL DRUM TO THE LEFT HAND THREADS CABLE OF THE ACTUATOR DRUM



CABLE LOCK

FORWARD AS INSTALLED

LEFT HAND THREADS CABLE FROM THE PEDESTAL TAB CONTROL DRUM TO THE RIGHT HAND THREADS CABLE OF THE ACTUATOR DRUM





Pitch Control Turnbuckles Found In Wreckage

