

# Attachment 23

To Operations Group Factual Report

DCA15FA085

Flight Test Figures from MDC-J9005

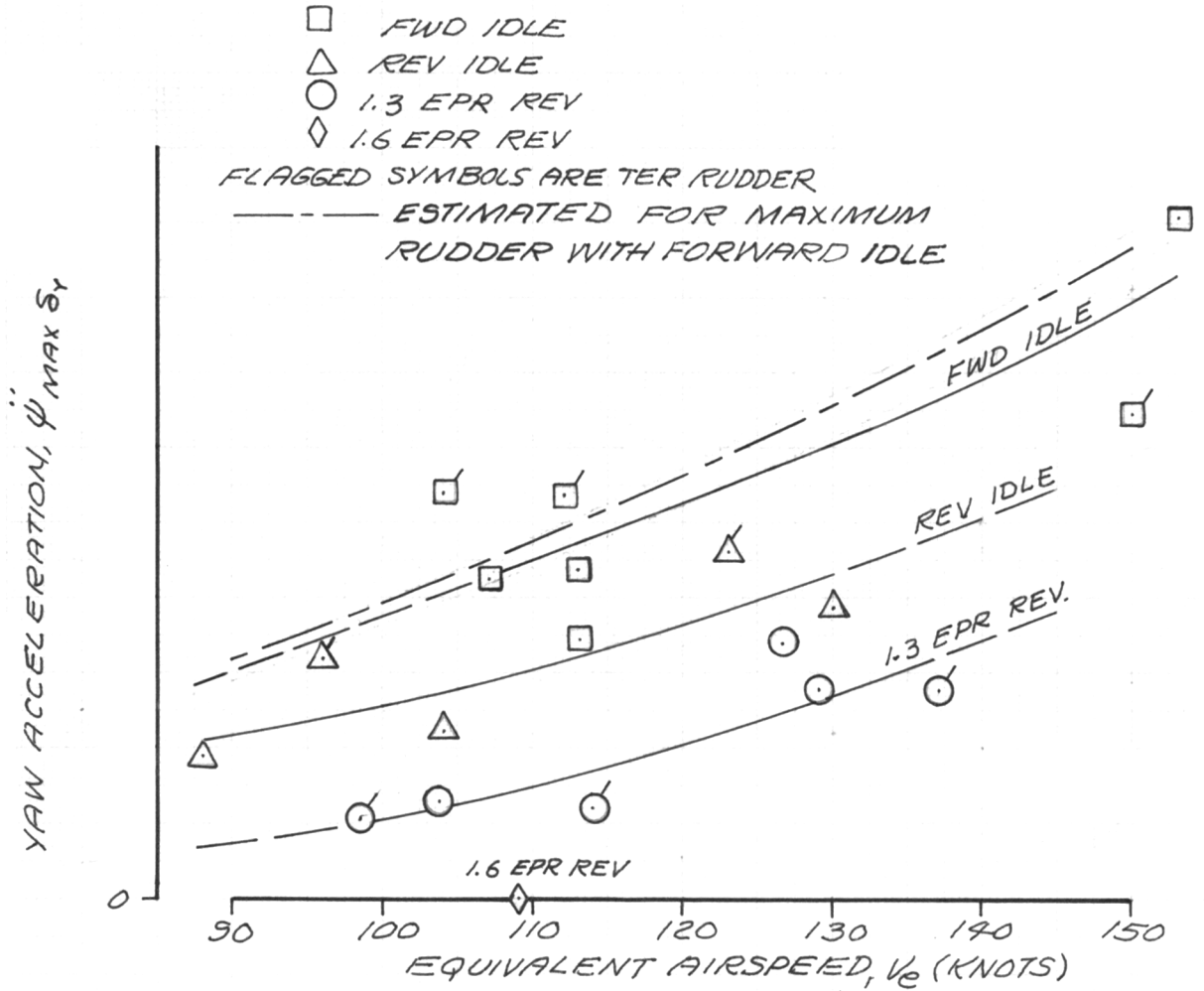


# MODEL DC-9-80 YAWING ACCELERATION DUE TO MAXIMUM RUDDER ON THE GROUND

NOSE WHEEL STEERING DISCONNECTED  
SYMMETRIC REVERSER CONFIGURATION

**RUDDER POWER ON**

NOTE:  
FLIGHT TEST  $\ddot{\psi}$  CORRECTED TO  
MAXIMUM RUDDER DEFLECTION

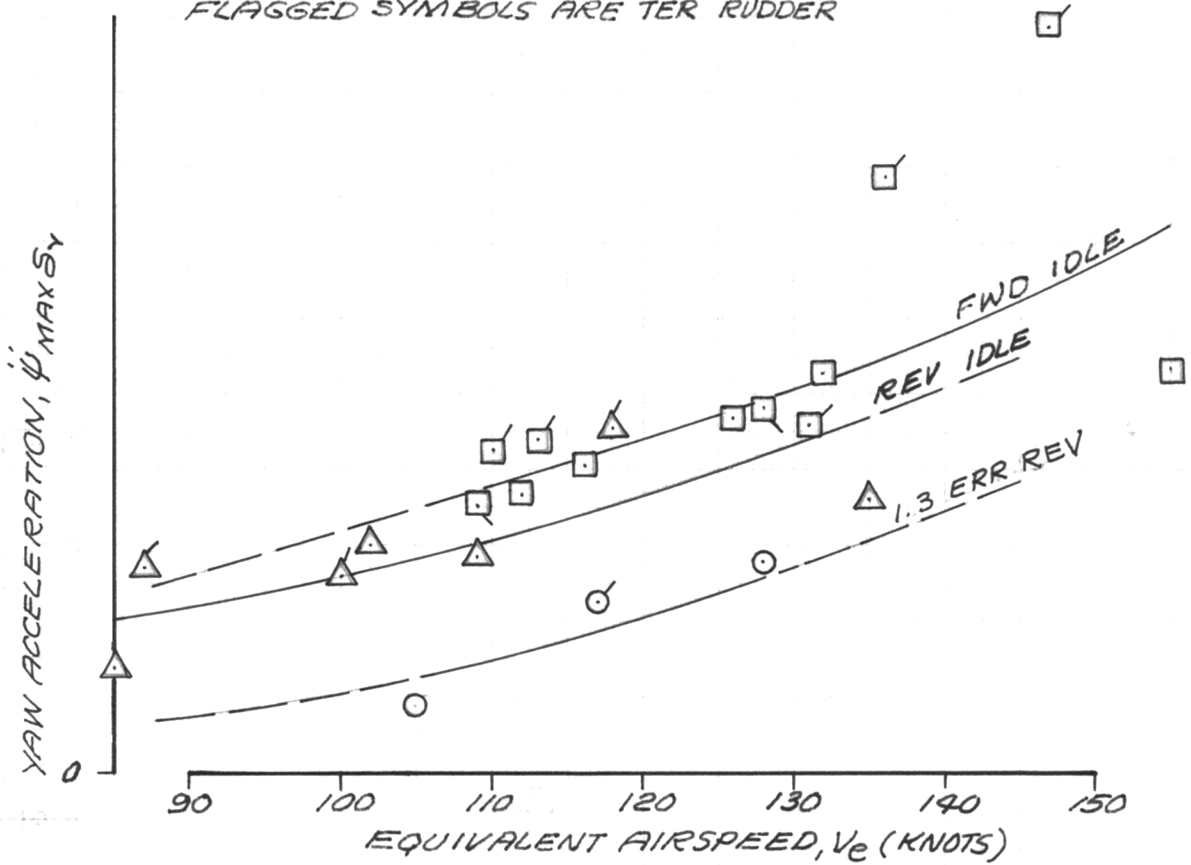




MODEL DC-9-8  
YAWING ACCELERATION DUE TO MAXIMUM RUDDER ON THE GROUND  
NOSE WHEEL STEERING DISCONNECTED  
SYMMETRIC REVERSER CONFIGURATION  
MANUAL RUDDER

NOTE:  
FLIGHT TEST  $\ddot{\psi}$  CORRECTED TO  
MAXIMUM RUDDER DEFLECTION

- FWD IDLE
  - △ REV IDLE
  - 1.3 EPR REV
  - ◇ 1.6 EPR REV
- FLAGGED SYMBOLS ARE TER RUDDER



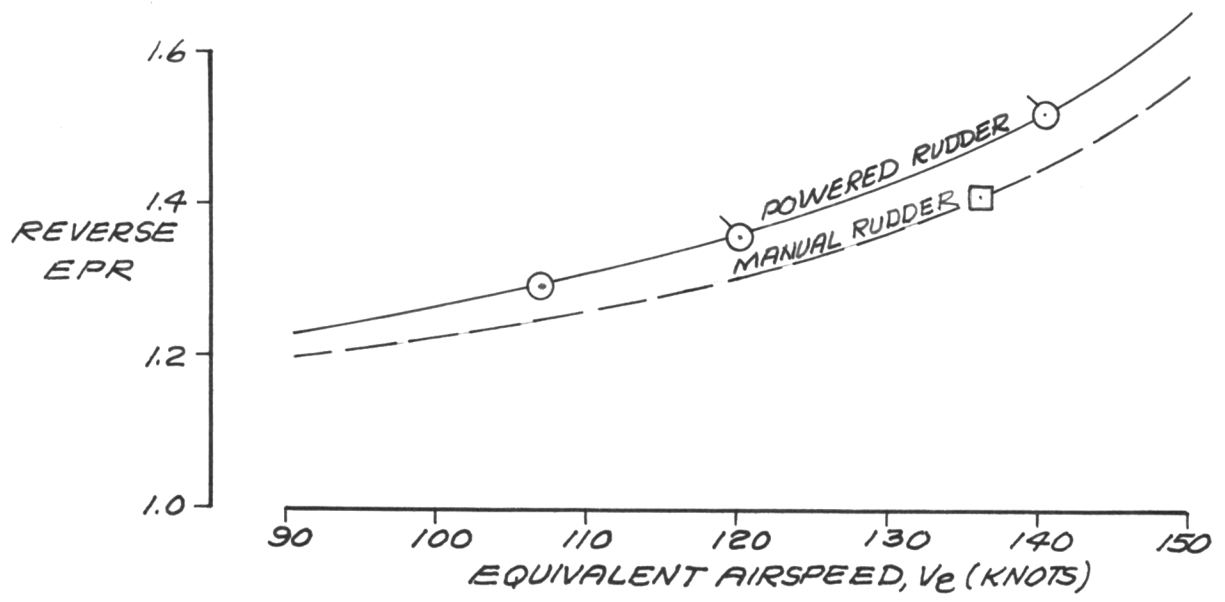


MODEL DC-9-80  
CONTROLLABILITY WITH ASYMMETRIC REVERSE THRUST  
NOSEWHEEL STEERING DISCONNECTED  
ONE ENGINE IN FORWARD IDLE

NOTE:  
SOME EPR'S SCALED  
FOR MAX RUDDER  
DEFLECTION

○ — ○ POWERED RUDDER  
— □ — MANUAL RUDDER

FLAGGED SYM #1 REV  
UNFLAGGED SYM #2 REV



EFFECT OF REVERSE THRUST ON DIRECTIONAL CONTROL

SYMMETRIC REVERSE THRUST  
RUDDER AERODYNAMIC MOMENT ONLY

