

FIGURE D

PIGNAL FLIGHT RESEARCH GOVERNOR WIRING; LATER MODELS

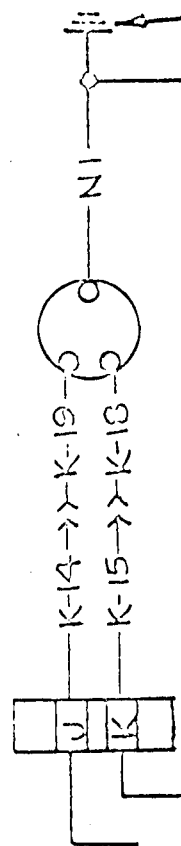
More reliable; Prop motor wired directly to panel switch so manual operation does not involve limit switch and relay acts

CONNECTS TO PIN A OF 350A
FILAMENT PWR, NOT USED ON 350A

GOV. UNIT 31A-D
A E D C B

AN 3102-14-5P PLUG
AN 3106-14S-5S CONNECTOR

PITCH CONTROL MOTOR
FLIGHT RESEARCH
PART # 31-187 D



SCREEN ON GEAR BOX OF PITCH MOTOR

NI



INC 0 RPM
DEC 0 RPM



THRU GROMMET HOLE IN FIREWALL



LIMIT SWITCHES



PROPELLER CONTROL CIRCUIT



KIT 31A-3, -4, -5, -7, -8, -8A



GOV. UNIT 31A-D



BEECHCRAFT D1821 & AFTER



FLIGHT RESEARCH ENGINEERING



FIGURE D



NOTE



MAKE CERTAIN THAT ALL QUICK DISCONNECTS MAKE TIGHT JUNCTIONS



PITCH MOTOR RELAY 31-188D (ENCLOSED TYPE)



CIRCUIT BREAKER 10 AMP 31-374



BUSS BAR



K-45



PROPR. SWITCH



INC RPM
DEC RPM



K-50



K-49



DEC RPM
INC RPM



AUTO



10 AMP 31-374



31-188D



31-374



31-187 D



31-188D



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