DIAMOND DA-40 XLT

MANOUVERING SPEED:
V≥ 111 KIAS (above1036 up to 1200 kg / above 2284 up to 2646 lb)
V≥ 94 KIAS (780 TO 1036 kg / 1720 to 2646 lb)
This airplane may only be operated in accordance with the Airplane Flight Manual. It can be operated in the "Normal" and "Utility" categories in non-icing conditions. Provided that national operational requirements are met and the appropriate equipment is installed, this airplane is approved for the following kinds of operation: day VFR, night VFR and IFR.
All aerobatics maneuvers including spinning are prohibited.

For further operational limitations refer to the Airplane Flight Manual.
No smoking.

ESS BUS NOT FOR NORMAL OPERATION. SEE AFM

ESS BUS ON OFF

AVIONICS MASTER

ALT / BAT

max. usable fuel: 2 x 19.5 US gal
- Max. indicated fuel quantity: 2 x 14 US gal
- Refer to AFM to use entire tank capacity
- Max. difference LH/RH tank: 9 US gal

THE AUX POWER SWITCH MUST BE SWITCHED OFF IN ALL EMERGENCY OR DURING ABNORMAL OPERATING PROCEDURES AT OUTSIDE AIR TEMPERATURES BELOW 10°C (50°F) ABOVE 10,000 FT MEAN SEA LEVEL AND IF ADF IS IN USE.

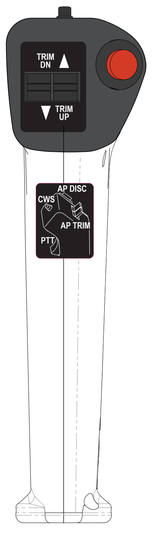
OFF R L BOTH START

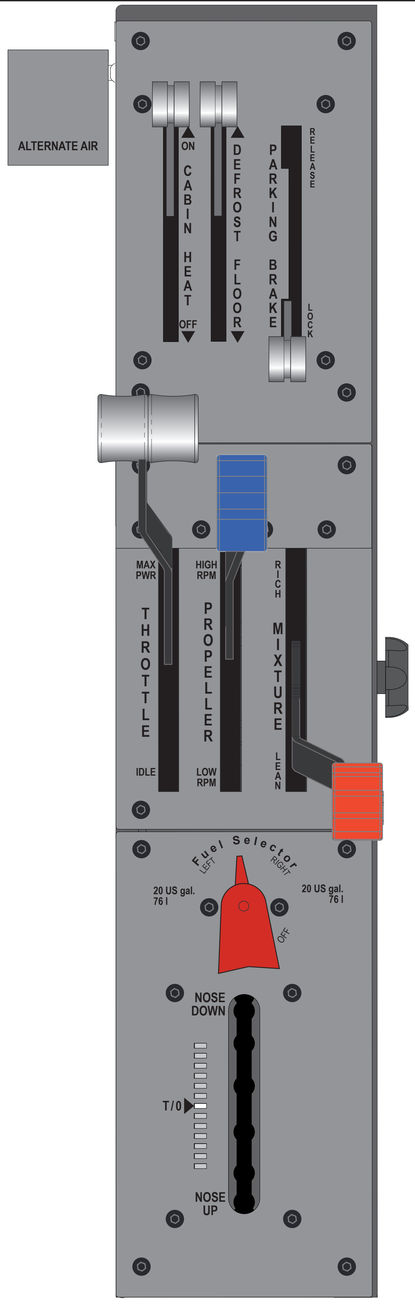
FUEL PUMP ON OFF

PITOT ON

FLAPS
UP
T/O 110 KIAS
LDG 98 KIAS

LIMITATIONS FOR GFC 700 AUTOPILOT SYSTEM:
DO NOT USE AP IF "ALTERNATE STATIC" IS OPEN.
CONDUCT AP AND TRIM CHECK PRIOR TO EACH FLIGHT (SEE AFM).
AUTOPILOT OFF DURING TAKE-OFF AND LANDING.
MAXIMUM SPEED FOR AUTOPILOT OPERATION IS 165 KIAS.
MINIMUM SPEED FOR AUTOPILOT OPERATION IS 70 KIAS.
MINIMUM ALTITUDE FOR AUTOPILOT OPERATION:
CRUISE, CLIMB, DESCENT AND MANEUVERING: 800 FEET AGL
APPROACH: 200 FEET AGL





DIAMOND DA-40 F/XLT

LIGHTS
ON
OFF
INSTRUMENT
FLOOD
LANDING
TAXI
POSITION
STROBE
HORIZON
OFF
ON
EMERGENCY
KNOTS
VACUUM
FEET
ALT
IN HG
BARO
ARTEX ELT
ON
ARM
EMERGENCY USE ONLY
QUARTZ
hours
SOLO-D4

NAV
PUSH 1-2
HDG
PUSH HDG SYNC
AP
FD
HDG
ALT
NAV
VNV
APR
BC
VS
nose UP
FLC
nose DN
ALT
COM
PUSH CRS CTR
RANGE
PAN
MENU
FPL
PROC
CLR
ENT
FMS
PUSH CRSR
COM1 MIC
COM1
COM2 MIC
COM2
COM3 MIC
COM3
COM3 1/2
TEL
PA
SPKR
MKR MUTE
HI SENS
DME
NAV1
ADF
NAV2
AUX
MAN SQ
PLAY
CREW
PILOT
COPLT
ICS ISOLATION
PILOT PASS
VOL
SQ
DISPLAY BACKUP

ESSENTIAL BUS
HORIZON 3
ADC 5
AHRS 5
COM1 5
FLOOD 3
GPS/NAV1 5
XPDR 5
LANDING 5
PFD 5
PITOT 15
FLAPS 10
AF WARN 5
MASTER CONTROL 2
ESS TIE 30
EN3 INST 5
ECU BUS
FUEL PUMP B 5
FUEL PUMP A 5
MAIN BUS
MAIN TIE 30
XPR PUMP 10
MFD 5
INST.LT 5
AV/CDU FAN 3
ECU BUS
PWR 60
STROBE 5
POSITION 5
TAX/MAP 5
START 5
AV. BUS 25
TAS 3
ECU A 20
ECU B 20
AVIONICS BUS
GPS/NAV2 5
COM2 5
AUDIO 5
AP 5
ADF 2
DME 3
WX 500 5
ECU A 7.5
ECU B 7.5

ENGINE
VOTER
AUTO
ECU A
ECU B
ECU TEST
FUEL PUMPS
ON
OFF
MASTER
ON
OFF

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ESS BUS
AVIONICS MASTER
ALT / BAT
ON
OFF

max. usable fuel 2 x 19,5 US gal
- Max. indicated fuel quantity 3 x 10,5 gal
- Regular AFM xxxxxx bank capacity
- Min. difference LHXXX 9 US gal

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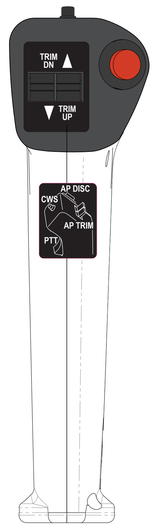
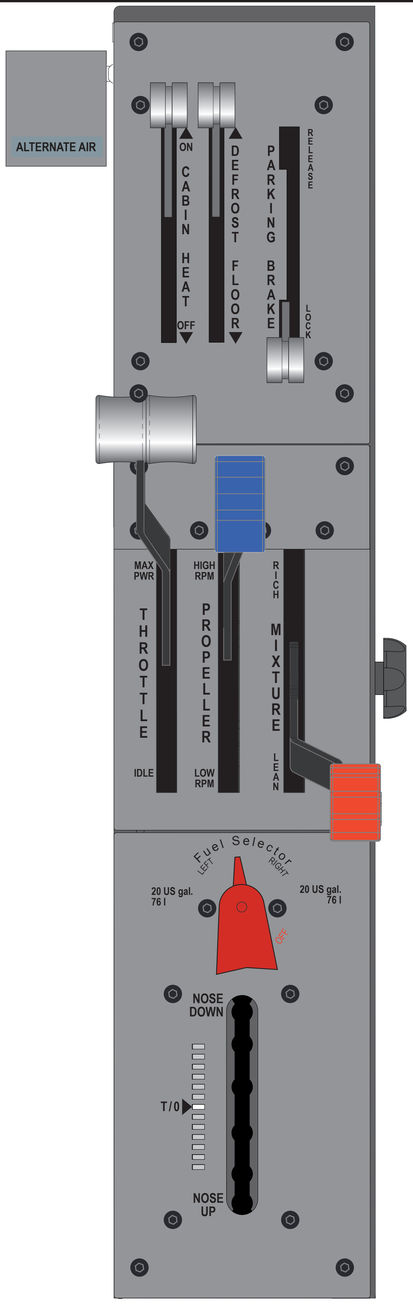
FUEL PUMP
PITOT
ON
OFF
FLAPS
UP
T/O 110 KIAS
LDG 98 KIAS

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