

Gabriel (BK160-TR)



ICAOGABR
Maximum Range400nm
Max. Operatin Alt.11,500 ft
Max. Cruise Speed164 Kias
Max. Occupants2

TAKE-OFF / LANDING

Take-Off Distance ...1181,10 ft (360m)
Landing Distance623,36 ft (190m)
MTOW1874 lb

SPEEDS

VFE115 Kias
VLE115 Kias
VNO155 Kias
VNE180 Kias
VSO49 Kias
VS144 Kias
VX60 Kias
VY80 Kias

BEFORE STARTING ENGINE

CanopyUnlocked and Open
Landing gear levelDown
Parking brakeSet
Rear trunk door and oil trap ..Closed
Pitot coversRemoved
ChocksRemoved
Access stairsRemoved
Flight Control SurfacesFree
Circuit breakersAll in
Emergency Power UnitOFF
MagnetosOFF
AlternatorOFF
BatteryON
Nav lightsON
Beacon / anticollision lightsOFF
Strobe lightsOFF
Landing lightsOFF
Taxi lightsOFF
Interior lightsAs desired
Emergency Power UnitON
BatteryOFF
Check powerAircraft powered
BatteryON
Emergency Power UnitOFF

STARTING ENGINE

Fuel tank selectorAs desired
Beacon lightsON
MixtureRich
PropellerMax
ThrottleIdle
Auxiliary fuel pumpON
MagnetosON
AlternatorON
StarterPress and hold
MixtureBest setting

AFTER STARTING ENGINE

AvionicsON
Pitot heatON
Central panel lightsPress test
Annunciator panelTest
Fuel selectorTest
Landing gear hornTest
Stall hornTest
Landing gear lightsTest
CanopyClosed and Locked

TAXI

Elevator trimNeutral
Taxi lightsON
Parking brakeReleased
Annunciator panelDark
ThrottleModerate
Toe brakesTest
PropellerMax
MixtureBest
SpeedTaxi (20 KIAS)

TAKE-OFF

Strobe lightsON
TransponderAlt
Auxiliary fuel pumpON
Landing lightsON
Parking brakeReleased
FlapsTake-off
Elevator trimNeutral or Take-off
Annunciator panelDark
PropellerMax
MixtureBest
ThrottleMax
SpeedTake-off (80 KIAS)

Take-Off

Landing gearUP
Landing lightsOFF
FlapsUP

Gabriél (BK160-TR)



APPROACH

Auxiliary fuel pumpON
PropellerMax
MixtureBest
ThrottleManaged
Landing gearDOWN
Landing lightsON
FlapsTake-off
SpeedApproach (85 KIAS)

LANDING

Auxiliary fuel pumpON
FlapsDown
SpeedLanding (70 KIAS)

Touchdown

ThrottleIdle
Elevator trimNeutral
FlapsUP

ENGINE STOP

RunwayCleared
Taxi lightsON
Landing lightsOFF
Strobe lightsOFF
TransponderStandby
ThrottleIdle
Parking brakeSet
CanopyUnlocked and Open
Auxiliary fuel pumpOFF
Pitot heatOFF
MixtureLeanest
MagnetosOFF
AlternatorOFF
FuelClosed
AvionicsOFF
BatteryOFF
Access stairsSet
Pitot coversSet
ChocksSet