

# Gabriel (BK160-TR)



ICAO .....GABR  
Maximum Range .....400nm  
Max. Operatin Alt. ....11,500 ft  
Max. Cruise Speed .....164 Kias  
Max. Occupants .....2

## TAKE-OFF / LANDING

Take-Off Distance ...1181,10 ft (360m)  
Landing Distance ....623,36 ft (190m)  
MTOW .....1874 lb

## SPEEDS

VFE .....115 Kias  
VLE .....115 Kias  
VNO .....155 Kias  
VNE .....180 Kias  
VSO .....49 Kias  
VS1 .....44 Kias  
VX .....60 Kias  
VY .....80 Kias

## BEFORE STARTING ENGINE

Canopy .....Unlocked and Open  
Landing gear level .....Down  
Parking brake .....Set  
Rear trunk door and oil trap ..Closed  
Pitot covers .....Removed  
Chocks .....Removed  
Access stairs .....Removed  
Flight Control Surfaces .....Free  
Circuit breakers .....All in  
Emergency Power Unit .....OFF  
Magnetos .....OFF  
Alternator .....OFF  
Battery .....ON  
Nav lights .....ON  
Beacon / anticollision lights .....OFF  
Strobe lights .....OFF  
Landing lights .....OFF  
Taxi lights .....OFF  
Interior lights .....As desired  
Emergency Power Unit .....ON  
Battery .....OFF  
Check power .....Aircraft powered  
Battery .....ON  
Emergency Power Unit .....OFF

## STARTING ENGINE

Fuel tank selector .....As desired  
Beacon lights .....ON  
Mixture .....Rich  
Propeller .....Max  
Throttle .....Idle  
Auxiliary fuel pump .....ON  
Magnetos .....ON  
Alternator .....ON  
Starter .....Press and hold  
Mixture .....Best setting

## AFTER STARTING ENGINE

Avionics .....ON  
Pitot heat .....ON  
Central panel lights .....Press test  
Annunciator panel .....Test  
Fuel selector .....Test  
Landing gear horn .....Test  
Stall horn .....Test  
Landing gear lights .....Test  
Canopy .....Closed and Locked

## TAXI

Elevator trim .....Neutral  
Taxi lights .....ON  
Parking brake .....Released  
Annunciator panel .....Dark  
Throttle .....Moderate  
Toe brakes .....Test  
Propeller .....Max  
Mixture .....Best  
Speed .....Taxi (20 KIAS)

## TAKE-OFF

Strobe lights .....ON  
Transponder .....Alt  
Auxiliary fuel pump .....ON  
Landing lights .....ON  
Parking brake .....Released  
Flaps .....Take-off  
Elevator trim .....Neutral or Take-off  
Annunciator panel .....Dark  
Propeller .....Max  
Mixture .....Best  
Throttle .....Max  
Speed .....Take-off (80 KIAS)

## Take-Off

Landing gear .....UP  
Landing lights .....OFF  
Flaps .....UP

# Gabriél (BK160-TR)



## APPROACH

Auxiliary fuel pump .....ON  
Propeller .....Max  
Mixture .....Best  
Throttle .....Managed  
Landing gear .....DOWN  
Landing lights .....ON  
Flaps .....Take-off  
Speed .....Approach (85 KIAS)

## LANDING

Auxiliary fuel pump .....ON  
Flaps .....Down  
Speed .....Landing (70 KIAS)

## Touchdown

Throttle .....Idle  
Elevator trim .....Neutral  
Flaps .....UP

## ENGINE STOP

Runway .....Cleared  
Taxi lights .....ON  
Landing lights .....OFF  
Strobe lights .....OFF  
Transponder .....Standby  
Throttle .....Idle  
Parking brake .....Set  
Canopy .....Unlocked and Open  
Auxiliary fuel pump .....OFF  
Pitot heat .....OFF  
Mixture .....Leanest  
Magnetos .....OFF  
Alternator .....OFF  
Fuel .....Closed  
Avionics .....OFF  
Battery .....OFF  
Access stairs .....Set  
Pitot covers .....Set  
Chocks .....Set