

The following GPU start-up procedure was developed for Zip Aviation LLC.

The Pilot In Command is responsible for the application and removal of external ground power. In addition, prior to engine start, the Pilot in Command shall ensure that a trained Ground Crew Member is available to perform this task.

A Trained Ground Crew Member is any person that has been trained in helicopter ground safety operations and Ground Power Unit (GPU) or Ground Battery Cart operations.

The following procedures are illustrated for GPU operations. Use of a Ground Battery Cart is permitted and shall follow the same procedure; however, the **Pilot in Command shall** take notice to the difference in the Approved Flight Manual Procedures; specifically but not limited to, the position of the battery switch.

Procedure:

1. With helicopter on the ground or dolly, the Ground Crew Member shall position Ground Power Unit (GPU) off center within the Pilot's line of sight and in full view while allowing unobstructed movement of the rotorcraft – refer to Figure 1.
2. Ensure that the pilot is in the aircraft.
3. Obtain permission to attach and apply external power from Pilot In Command (The Pilot in Command is located on the right side of the helicopter – as viewed from the pilots seats)
4. Prior to starting the GPU, attach the GPU power cord to the helicopter and limit the current to **400 amps**.
5. Perform a normal GPU start sequence per GPU placard instructions.
6. The Pilot in Command will follow the appropriate Bell Helicopter Textron Approved Flight Manual Checklist to perform an External Power Start.
7. Upon completion of a successful engine start, in accordance with the Approved Flight Manual Checklist, the Pilot in Command shall give the command (hand signal) to remove the external power plug.
8. The Ground Crew Member shall de-energize the power cart prior to disconnecting the GPU power cord from the helicopter.
9. Now the power cord can be removed from the helicopter.
10. The Ground Crew Member shall secure the helicopter's external power receptacle door with the quarter turn fastener (attached to the door).
11. The Ground Crew Member shall retract the GPU power cord.
12. The Ground Crew Member shall issue a hand signal the Pilot in Command that the external power cord has been removed and the helicopter's external power receptacle door has been secured.
13. The Ground Crew Member shall remain clear of the helicopter launch area.

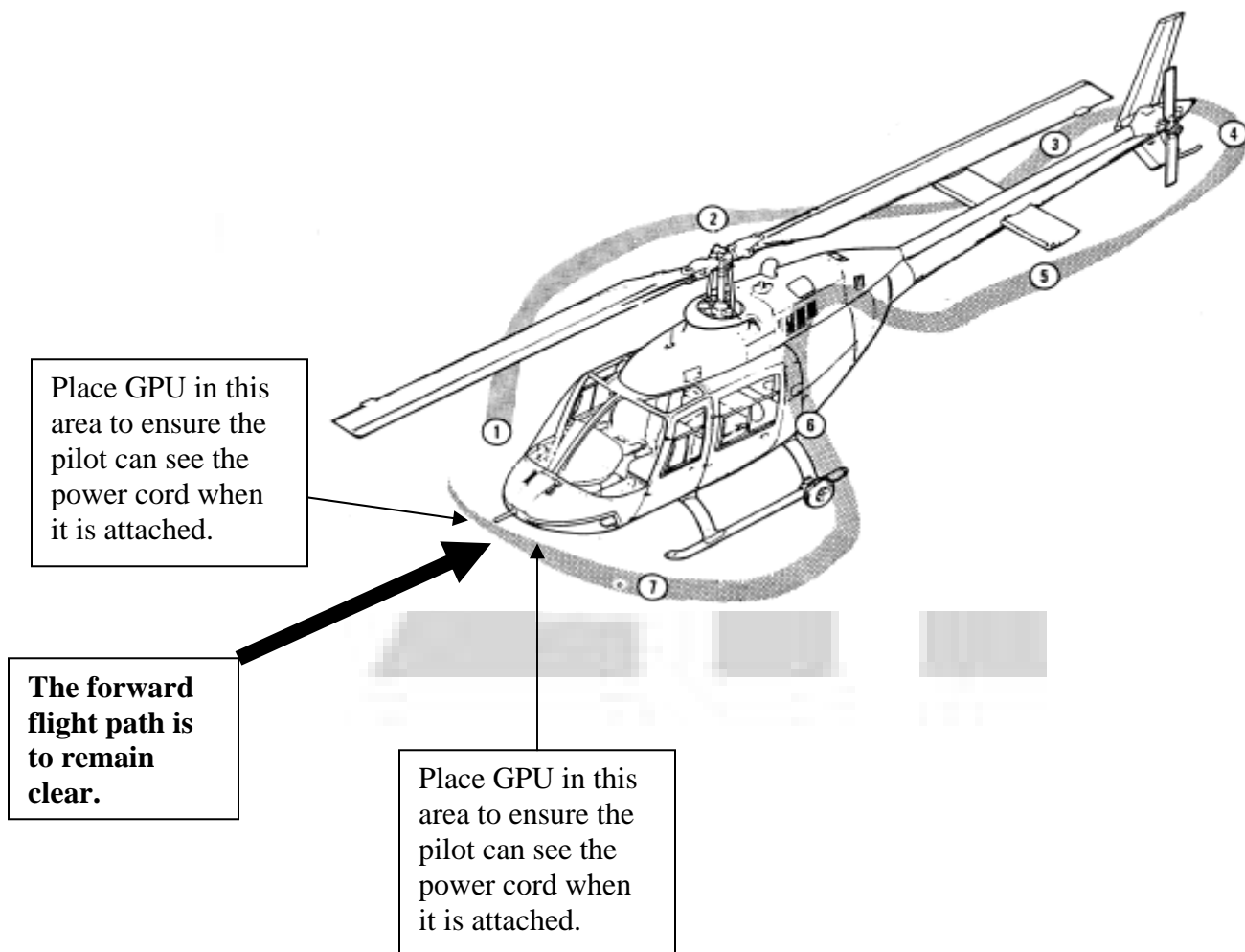


Figure 1