



Fort Lauderdale-Hollywood International Airport (FLL)

IDLE POWER AND FULL POWER ENGINE RUNS **Effective November 15, 1996; Revised May 1, 2004**

PURPOSE:

To establish procedures for tenant airlines and ground handlers to perform aircraft idle power and full power engine runs for maintenance purposes such as fuel leak checks, oil and hydraulic filters, replaced components, engine overhaul, etc.

NOTE: The term "idle power", for the purpose of this procedure, is defined as the lowest percentage of power at which the engine will run with throttles fully retarded).

PROCEDURES - FULL POWER ENGINE RUNS

- A. In accordance with Broward County Code, Section 2-40(17), Engine Run Up (a), aircraft shall not be positioned for run-up so that the engine blast shall be directed at spectators, personnel, hangars, shops or other vehicles. Aircraft shall not taxi behind other aircraft in the process of engine run-up. All persons are responsible for any damage from the effects of their engine blast incidental to flight or during ground run-ups and taxiing. All engine run-ups will be conducted in designated run-up areas.
- B. In accordance with Broward County Code, Section 2-40 (17) Engine Run Up (b), engine maintenance run-ups will be conducted at locations designated by the Aviation Division. Engine maintenance run-ups shall not be conducted between the hours of 11:00 pm and 7:00 am.
- C. All full power engine maintenance run-ups will be conducted on Runway 13/31, between Taxiways Echo 2 and Echo 3, between the hours of 7:00 am and 11:00 pm local time. Full power engine runs are prohibited on all ramp areas.

PROCEDURES - FULL POWER ENGINE RUNS

- A. Idle power engine runs will be allowed at all aircraft gates (on each concourse) and ramp areas between the hours of 7:00 am and 11:00 pm. Idle power engine runs at aircraft gates and ramp areas after 11:00 pm will be approved on a case by-case basis.
 - 1. Idle power engine runs necessary between the hours of 11:00 pm and 7:00 am will be coordinated and approved by the Broward County Aviation Department Operations Division (Airport Operations Senior Agent 359-1201).
 - 2. SCHEDULED idle engine runs required to be performed between 11:00 pm and 7:00 am, in order to depart during these hours or shortly thereafter, must be approved in writing by the Manager, Airport Operations. Requests must be submitted in writing no later than three (3) working days prior to the event, specifying: the reason for the idle power

engine run, estimated duration, and the justification for why it could not be accomplished during normally approved hours.

3. UNSCHEDULED idle engine runs required to be performed between 11:00 pm and 7:00 am, in order to depart during these hours or shortly thereafter, must be coordinated and approved by the Airport Operations Senior Agent or the Manager, Airport Operations prior to the event. In addition, a Letter of Justification must be forwarded to the Manager; Airport Operations within three (3) working days following the event. This letter must contain the reason for the idle power engine run, actual time of the run, duration, if known, and an explanation of why the idle power engine run could not be accomplished during normally approved hours.
4. Required idle power engine runs during these hours should be accomplished during flying activity periods to the maximum extent possible.
5. Required idle power engine runs will be made in areas coordinated with and approved by BCAD operations (see attached).

Approved Locations: D-1 thru D-9
 E-1 thru E-10
 F-1, F-3, F-5, F-7
 R- 1, R-2, R-3 (Aircraft remote parking areas)
 Tenant ramps - On a case-by-case basis.

6. Each engine is to be started with an APU/external air supply. The use of engine air (cross bleed) from another running engine to start the second engine is not permitted. All engine runs are to be made at idle power setting for the minimum duration necessary
- B. Any requests for engine runs on the gates that will exceed an idle power setting (between 7:00 am and 11:00 pm only), must be approved on a case-by-case basis, taking into consideration: length of time needed, location, ramp activity in the area, availability of personnel (ground handler/airline) to control the area behind the engine, equipment, staging, etc.

Above idle power runs should be of a short duration; only long enough for the engine to stabilize at the higher rpm (one to three minutes). All other requests for above idle power runs will be directed to the normal engine run-up area.

NOTE: In most situations, a full power engine run can not be safely accomplished at any of our gate positions without extensive coordination, ramp closure, moving equipment, notification to other airlines, stopping/controlling vehicular traffic, etc.

POLICY

- A. ALL idle power and full power engine runs must be approved by the Airport Operations Senior Agent (usually Ramp 1), or, Airport Operations Supervisor and will be closely monitored
- B. Broward County Aviation Department reserves the right to terminate any idle power or full power engine runs that are deemed to be unsafe, hazardous or detrimental to airport operations.