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SECTION 2: NOISE**1. INTRODUCTION**

- A. Aircraft noise has become an increasing concern among business aircraft operators. This section describes the types of noise that can be produced by business aircraft and techniques to help reduce noise, whenever possible.
- B. ICAO maintains a database of aircraft and publishes a noise certificate. Certificates applicable to Dreamline Aviation operated aircraft can be found in the APPENDIX of this manual.

Note: Not all aircraft are published in this database.

2. GROUND OPERATIONS

Ref: ISBAO 10.1.1.a

2.1 Engine Run-ups

Engine Run-ups may be required by either pilots during normal operations or by maintenance during servicing functions. Regardless of the type of operation used engine run-ups should adhere to the following guidelines

1. Idle engine runs may be completed on the terminal ramp, paying particular attention to avoid injury or damage to any persons or property in the behind the aircraft.
2. Engine runs above idle will be performed at a designated engine run test area equipped with a jet blast fence. If a designated area is not readily available contact the airport manager and ask what part of the airport is preferred for high power engine runs. Typically this will be the furthest away from residential areas.
3. The minimum number of engines should be run to complete the operation. i.e. If you are leak checking the left motor then avoid using the right motor and consider a single engine taxi. Single engine taxi operations should be conducted using the manufacturers approved Aircraft Flight Manual. If the APU is not required after engine start, shut it down prior to conducting the engine run.

2.2 Auxiliary Power Units

Some airports have strict guidelines on how and when you can use the APU. Very often time limits and APU curfews are in effect. Generally speaking APU operations should be limited to no more than 1 hour prior the estimated off-blocks time and 30 minutes after the block-in time. Domestic curfew information can be obtained in the U.S. Chart Supplements. International curfew information can be obtained by your handling provider.

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