

# L.G.HANSCOM FIELD (BED)

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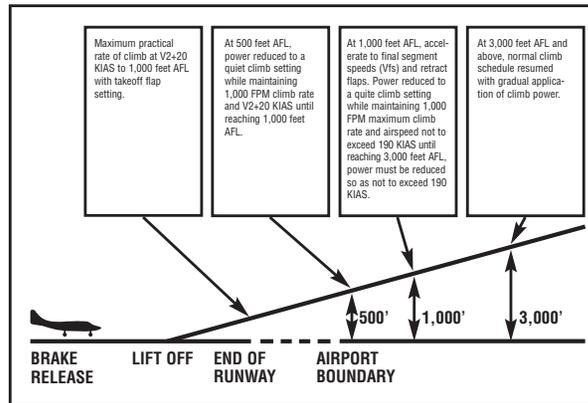
## VOLUNTARY NOISE ABATEMENT PROCEDURES

### NBAA CLOSE-IN DEPARTURE PROCEDURE

1. Climb at maximum practical rate at  $V_2 + 20$  KIAS to 500 feet AFL with takeoff flap setting.
2. At 500 feet AFL, reduce to a quiet climb setting while maintaining 1,000 FPM maximum climb rate and  $V_2 + 20$  KIAS until reaching 1,000 feet AFL.
3. At 1,000 feet AFL, accelerate to final segment speed ( $V_f$ ) and retract flaps. Maintain quiet climb power, 1,000 FPM climb rate and air speed not to exceed 190 KIAS until reaching 3,000 feet AFL. If ATC requires level off prior to reaching 3,000 feet AFL, power must be reduced so as not to exceed 190 KIAS. (See NOTE.)
4. At 3,000 feet AFL and above, resume normal climb schedule with gradual application of climb power.
5. Observe all airspeed limitations and ATC instructions.

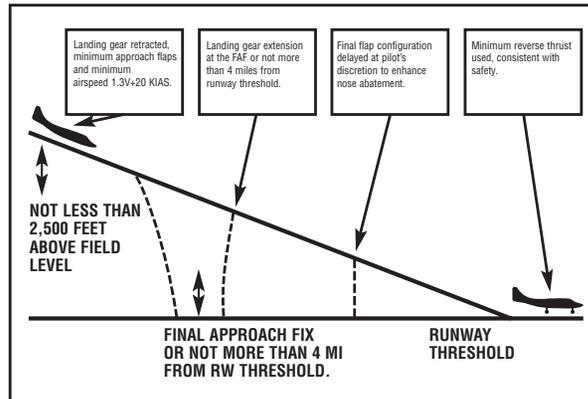
#### NOTE:

It is recognized that aircraft performance will differ with aircraft type and takeoff conditions; therefore, the business aircraft operator must have the latitude to determine whether takeoff thrust should be reduced prior to, during, or after flap retraction. Also, aircraft in excess of 75,000 lbs. GTOW operating under FAR, Part 121, Part 125, or Part 135 may not be permitted to comply with this procedure.



### NBAA APPROACH AND LANDING PROCEDURE VFR & IFR

1. Inbound flight path should not require more than a 20 degree bank angle to follow noise abatement track.
2. Observe all airspeed limitations and ATC instructions.
3. Initial inbound altitude for noise abatement areas will be at a descending path from 2,500 feet AGL or higher. Maintain minimum airspeed ( $1.3V_s + 20$  KIAS) with gear retracted and minimum approach flap setting.
4. At the final approach fix (FAF) or not more than 4 miles from runway threshold, extend landing gear. Final landing flap configuration should be delayed at pilot's discretion to enhance noise abatement.
5. During landing, use minimum reverse thrust consistent with safety for runway conditions and available length.



### Jet and Turboprop Aircraft



Located approximately 20 miles northwest of Boston, L.G. Hanscom Field is a first class general aviation facility bounded by the towns of Lincoln, Lexington, Bedford, and Concord.

In recent years, the aviation community, the residential community, and Massport have worked together to address noise issues that surround the airport. As a result of these efforts, we recommend that you implement the noise abatement procedures that have been developed by the manufacturer of your particular aircraft. If these are not available, then we ask you to adopt the National Business Aviation Association (NBAA) noise abatement procedures when operating at Hanscom Field. By promoting the use of these procedures and with 24-hour noise monitoring, we hope to minimize aircraft noise over the surrounding residential areas

These recommendations are not intended to supersede FAA rules, regulations, or directions. Any instruction from Air Traffic Control contrary to the noise abatement procedures will take precedence. We understand that safety is your top priority so we request that these procedures be followed only to the extent that safety is not compromised.

Your cooperation is critical to making this program work. Please fly friendly.

Barbara Patzner  
Airport Director

## AIRPORT REGULATIONS

1. Avoid operations between the hours of 11:00 PM and 7:00 AM, whenever possible. A fee applies to all operations during this period.
2. Touch & go operations are not permitted between the hours of 11:00 PM and 7:00 AM.
3. Touch & go operations are not permitted at any time for aircraft exceeding 12,500 pounds.
4. APU/GPU unit use should be restricted to the minimum time required prior to start, consistent with aircraft pre-flight, heating/cooling, and navigational equipment requirements. APU/GPU operation is limited to a maximum of 30 minutes.

### FREQUENCIES:

ATIS	124.6
CLEARANCE	121.85
GROUND	121.7
TOWER	118.5
APP/DEP	124.4
JET AVIATION	131.525
MERCURY AIR CTR.	130.8

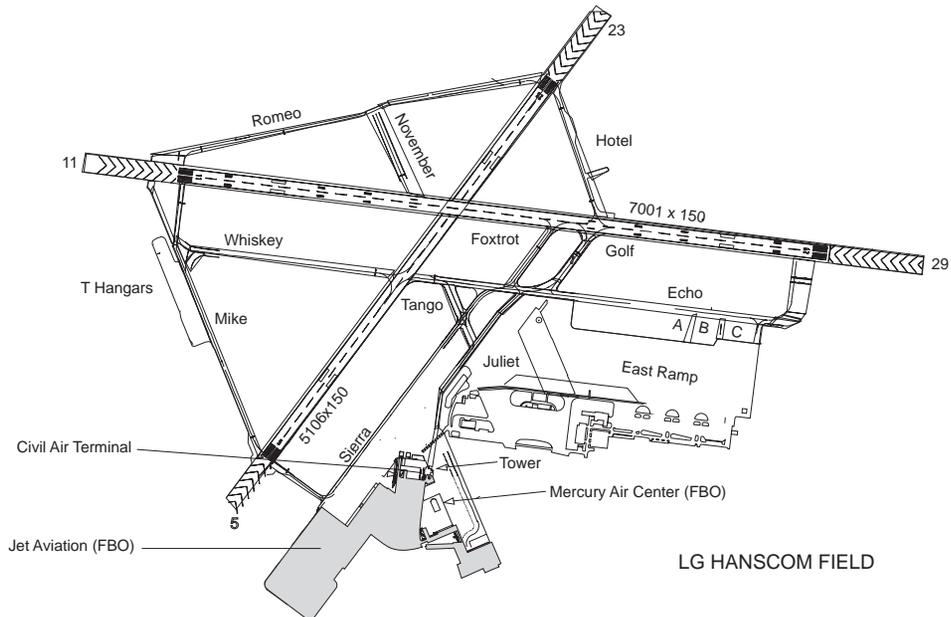
### TRAFFIC PATTERNS:

1000' AGL / 1133' MSL	FIXED WING
1500' AGL / 1633' MSL	TURBOJET
1800' AGL / 1933' MSL	HEAVY JET AIRCRAFT

FIELD ELEVATION: 133' MSL

JET AVIATION  
MERCURY AIR CENTER  
MASSPORT

(781) 274-0030  
(781) 274-0010  
(781) 869-8000



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