

407 Fly Neighborly Help Sheet

Approaches

General Tips

Operations Below 50 kt

Minimize/avoid operating at constant airspeed below 50 kt.

Into the Wind

Takeoff and landing into the wind lowers noise impacts.

Turns

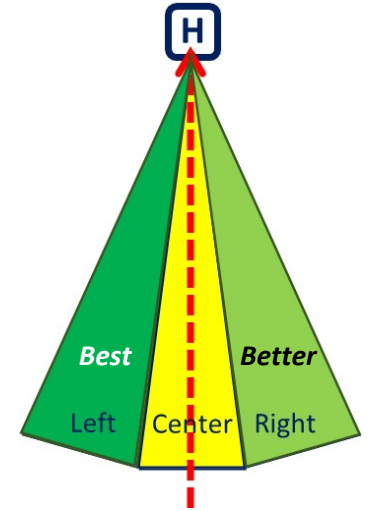
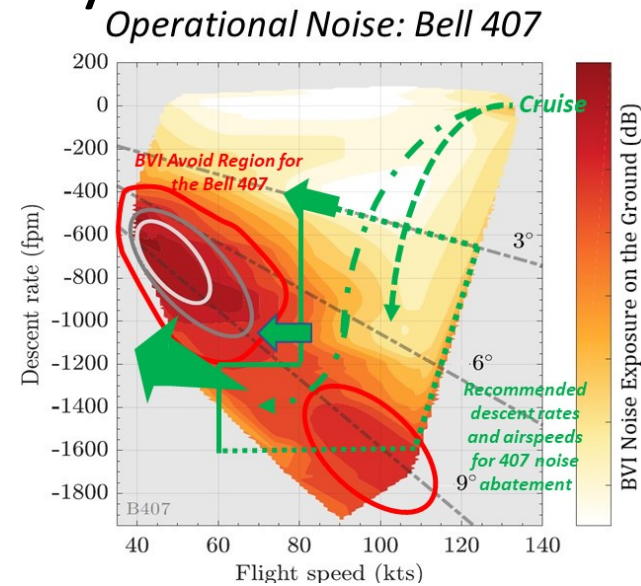
Turning away from is quieter than turning into the advancing rotor blade and level turns are quieter than descending turns.

Takeoffs

Achieve cruise altitude as early as possible, using maximum climb power at airspeeds slightly below best rate of climb speed. Adjust your route to (1) take off into the wind and (2) avoid noise sensitive areas if possible.

Cruise

Utilize altitude increases, cruise speed reductions and/or routing changes to minimize noise during cruise.



Establish an airspeed and descent rate in the recommended range.

For noise abatement approaches at greater than 1200 fpm, decelerate as late and as quickly as practical and safe.

For noise abatement approaches at less than 1200 fpm, (1) increase descent rate nearer to 1200 fpm before decelerating as late and as quickly as practical or (2) reduce descent rate nearer to 3° before decelerating at 1 kt/sec or less.

Avoid approaches over noise sensitive areas when possible, keeping noise sensitive areas to “far” left or right of the aircraft. Keeping noise sensitive areas to the left is most effective.

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