

AW139 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

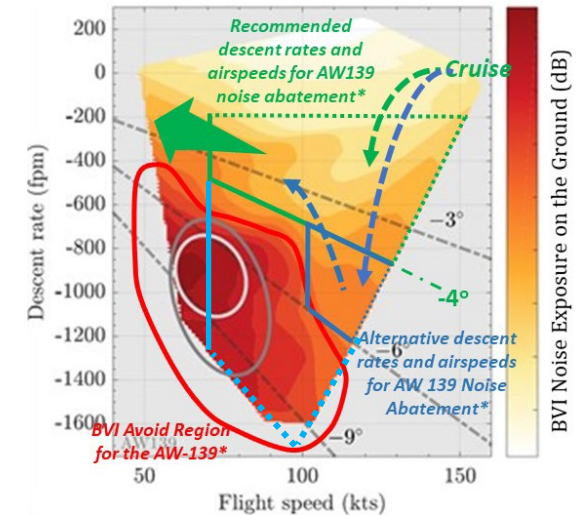
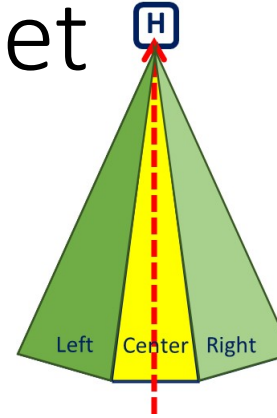
Turning away from is quieter than turning into the advancing rotor blade and level turns are quieter than descending turns.

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 green or dark blue box, decelerating at 1 kt/sec or less to complete the landing

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 your left is most effective

Can descend up to a 9+° glideslope above 70 kts (light blue box) if tradeoffs with higher left/right side noise are acceptable (decelerate to complete the landing as late and as quickly as practical and safe)

A shallow approach at a 3° or lower glideslope can be effective if routed over non-sensitive areas such as water, highways or an industrial area.

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