R44 Fly Neighborly Help Sheet

Helicopter Association International

Fly Neighborly
HELICOPTER PILOT TRAINING PROGRAM

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.

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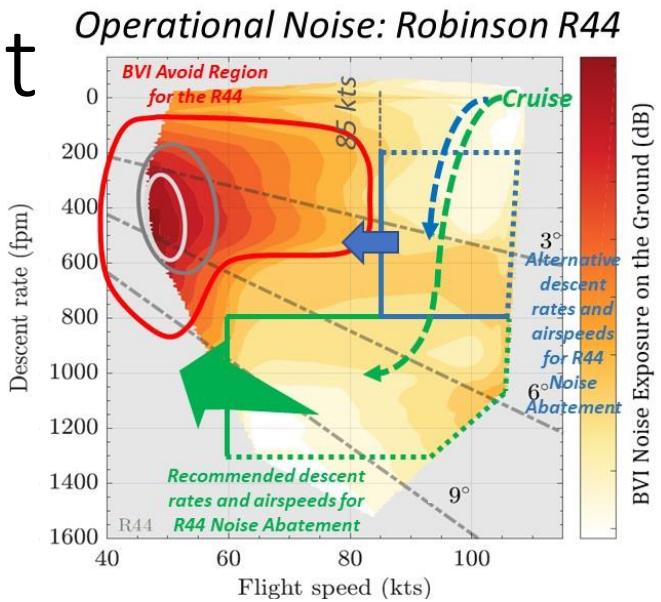
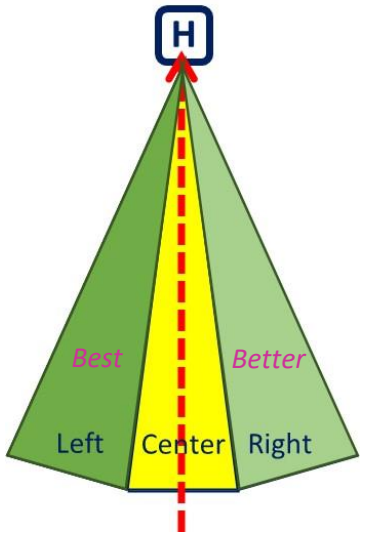
Approaches





- Establish your descent in the recommended range, then decelerate as late and as quickly as practical and safe to complete the landing procedure.
- If constrained to less than an 800 fpm descent rate, establish your descent in the alternate range instead.
- The R44 Pilot's Operating Handbook (POH) noise abatement procedure could also be effective for your flight operation.
- If possible, avoid approaches over noise sensitive areas, keeping noise sensitive areas to the "far" left or right if practical.
- Keeping noise sensitive areas to the left is most effective.