Noise Abatement Procedure Options
OSG/FPT
TEB TANAAC

Presented to: TEB TAANAC
By: Federal Aviation Administration
Date: July 26, 2017

• **Instrument Flight Rules (IFR)**
  – IFR means navigating entirely on instruments, or under ATC control.
  – When any pilot flies under IFR, they are required to be under the direction of ATC (Air Traffic Control). They direct the Captain regarding the aircraft direction course, speed, altitude.

• **Visual Flight Rules (VFR)**
  – VFR flight is based on the principle of “see and avoid.”
  – VFR (Visual Flight Rules) usually means that you are flying without definite control from ATC.
Procedures Considered – Deemed Not Feasible

• ILS Runway 19 Offset
  – 693’ ABC Antenna in path of flight.
  – Loss of glideslope.
  – Minimums will be raised.
Options

• Quiet Visual Retest:

  • Environmental analysis is required prior to retest
  • Greater operator commitment required to use the procedure prior reinvesting in environmental analysis.
    • Previous test was underutilized by Operators preferring to fly utilizing instruments versus a visual procedure.
    • FAA cannot require the Pilot in Command to fly this procedure.
    • Only available in VFR daytime only.
  • TANAAC support & request
Options Under Consideration

- **RNAV/(RNP) Runway 19**
  - May be feasible to mimic current Quiet Visual flight path.
    - Enhance confidence and consistency, reduce complexity of terminal operations, and reduce the risk of communication errors.
    - Limited number of qualified pilots to fly RNP approaches.

- **RNAV(GPS) Offset Runway 19**
  - Avoid overflying Hackensack Hospital
  - Waypoints will be coded
    - Current Operators more likely to use over the Quiet Visual
    - Can be used in VFR and IFR conditions