DRAFT
AGENDA
TELECONFERENCE
ON
HYPERSONIC AEROPROPULSION TEST FACILITIES (M<8)
Tuesday, February 3, @ 11:00 EST

The Air Force HyTech program has a set of requirements that will require a facility upgrade to meet. This activity will look at that particular requirement along with others for M<8 propulsion testing to get a coordinated DoD/NASA position on the upgrade. Representatives from AEDC, LaRC, LeRC, ARC and FGDO (NATA) will participate in this teleconference. In anticipation of a future NATA organization, the FGDO (NATA) representatives will facilitate this activity and treat it as an example case of investment coordination. AEDC will address DoD program requirements and NASA program representatives will address NASA program requirements. AEDC and NASA facility representatives will address capabilities. All will participate in gap and approach discussions.

- **REQUIREMENTS**
  - Program Support
    - DoD: HyTech, FastHawk, Ducted Rocket, ARRMD, Mach 5-10 SOW, HiSSS and Mach 5-10 Aircraft
    - NASA: HyperX, RBCC
  - Test
    - Determine Aeropropulsion System Performance and Durability
      - Mach/Altitude Range, Run Time (full mission simulation?), Flow Quality, Test Section Size
    - Meet Program Schedules
    - Productive of tunnel and timely data
- **CAPABILITIES**
  - AEDC: APTU; Navy: T Range; NASA: 8' HTT, HTF, 3.5' HWT; GASL
    - Mach/Altitude Range, Run Time, Flow Quality, Test Section Size, Workload, Productivity, Operating Cost (not price)
    - Requirement and ability to perform other than aeropropulsion tests
- **GAP**
  - Mach/Altitude Range, Run Time, Flow Quality, Test Section Size, Workload, Productivity
- **APPROACH**
  - Facility Upgrade
    - Which facility is best choice to meet requirements?
    - What are implications of choice to future facility assessments?

FGDO (NATA) representatives will lead a discussion of follow-on activities as required including further teleconferences/meetings, necessary documentation of this activity (process and results), suggested reviews of the results, and required final report out.