SHORT FLIGHT SEGMENTS OPERATIONS AND SAFETY

PURPOSE: This document is a guide to best practices to reduce error and workload in the air on a short segment flight. TFS has defined a short segment flight as 75 NM or less but any flight under 20 minutes or in the vicinity of busy airspace could also be considered as a short segment.

- Brief expected departure, arrival, and approach before engine start no need to do full approach brief if expected approach is issued. Consider briefing more than one approach.

- Telephone ATC for expected departures or arrivals if they are unknown especially in poor weather.

- Make the in range call via telephone before engine start.

- Runway analysis for takeoff and landing should be run with most current weather for all possible runways for any last minute changes. It's then okay to use the FMS for runway performance for manual braking, or auto brakes numbers provided there are no substantial changes.

- Internet access may not be available during the flight.

- You can also preload landing weather before departure on FMS. Do not "send" the landing performance until after takeoff or it could cause confusion with the takeoff numbers.

- Anticipate a climb to lower than usual altitude (speed and energy management). Discuss use of FLCH vs. VS or other VNAV method.

- Compressed time between takeoff to landing can make it challenging for the PM to program FMS and run checklists accurately.
    - In the TGT Normal checklist remember that the Climb, Cruse, and In Range checklist do not need to be completed for flights below transition altitude.
    - Consider programming the autothrottle cruise speeds depending on your filed altitude and if underneath class B airspace. (Example G280: 250-280 vs. 300 in cruise)
    - Suggest Man Speed 200 kts or less while being vectored.
    - Brief a plan for PF to share communication duties to avoid confusion enroute during times of high workload.

- Remember to exercise pilot's prerogative and arrange for more time if approach preparation or other tasks get rushed by unexpected changes.