



18 April 2012

From: Director of Operations ATAC

To: ATC Facility

Subject: ATAC Aircraft – F-21 KFIR

The F-21 Kfir is an Israeli, supersonic, single seat fighter built by Israel Aircraft Industries (IAI). The aircraft is a copy of the French Mirage III/5, but powered by a General Electric J-79 engine. It was originally brought to the U.S. in the 1980's as a Navy Adversary aircraft and given the U.S. designation of F-21. It is currently employed by ATAC to train our active duty units in fleet support and fleet adversary missions. The information below is to give an understanding of the aircraft's flying capabilities and limitations while under your control.

➤ **Take off Phase:**

- Take off airspeed: 170-190 kts
- Take off distance: 4500 ft
- Climb airspeed: 320-350 kts
- Cruise airspeed: 320-350 kts

➤ **Approach and Landing Phase:**

- Vectoring Speed: 220-250 kts
- Max Gear Speed: 270kts
- Approach Speed: 190-200 kts
- Touchdown Speed: 170-180kts

➤ **Additional Information:**

- Garmin 530GNS (LNAV approaches)
- TACAN
- Two (2) UHF radios
- One (1) VHF radios
- Drag Chute (used for normal landings on runways less than 12K feet)
- ATC Type Aircraft for filing purposes: "KFIR/G"