

DESCRIPTION OF OPERATIONS

Lockheed Martin Corporation ("Lockheed Martin") hereby seeks authority under Part 5 of the Commission's rules to test an Advanced IFF system in and around its Ft. Worth, Texas, facility, at which it is currently conducting IFF integration on F-16 aircraft under contract with the government of the United Arab Emirates (Contract No. ALC/17/478).

Lockheed Martin has worked closely with the Federal Aviation Administration ("FAA") to secure frequency assignments that permit it to transmit on the 1090 MHz channel both to conduct ground testing at Lockheed Martin's Ft. Worth plant and also to permit airborne flight testing in a volume of airspace locally identified as VR-118.

Accordingly, the associated Form 442 provides a center coordinates for ground testing at Ft. Worth. Also, we provide below the coordinates that bound the area identified as VR-118, in which Lockheed Martin will limit its airborne flight test activity:

VR-118 Coordinates

Point #	Latitude	Longitude
1	32°56'07"N	97°58'55"W
2	32°48'17"N	98°20'33"W
3	32°38'54"N	98°14'40"W
4	32°30'35"N	98°38'32"W
5	32°54'06"N	98°52'47"W
6	33°02'16"N	98°28'54"W
7	32°53'56"N	98°24'05"W
8	33°01'42"N	98°02'27"W

The FAA frequency assignments have been issued under serial numbers NG T210037 and NG T210038, copies of which are being submitted with this request.