



AEROSPACE & FLIGHT TEST RADIO COORDINATING COUNCIL®

**REQUEST FOR TELEMETRY FREQUENCY COORDINATION
(1435-1525 MHz)
(2310-2320 MHz and 2345-2390 MHz)**

Date of Application 07/03/2014 Identity Control No. _____
(Not to be filled in by applicant.)

Date Required 09/01/2014 Date Complete _____
(Not to be filled in by applicant.)

NOTE: PROPRIETARY DATA/CLASSIFIED INFORMATION SHOULD NOT BE SUBMITTED.

1. (a) Name of applicant Lockheed Martin
(b) Number and street 200 Lockheed Martin Way
(c) City, state and zip code Courtland, AL 35618
(d) Name and telephone for system contact Claude Wells 410-682-2156 or Patricia Ludlow 256-637-1011
(e) Email claudio.wells@lmco.com or patricia.ludlow@lmco.com

2. (a) Application for (check one): New Station ☐ Renewal ☒ Modification ☐
For Renewal or Modification please enclose a copy of the existing License, Call Sign: WG2XJV

- (b) If for modification state modification proposed Renewal of frequencies for handheld radios and testing for the Targets program.

3. Frequency(ies) requested See list below

4. Bandwidth and emission: (See instructions)

- (a) Occupied bandwidth-kHz _____
Emission bandwidth-kHz _____

- (b) Emission designator _____

5. Category(ies) of station(s): Air-to-ground ☐ Air-to-air ☐ Ground checkout ☐
Other ☐ (Explain) _____

Frequencies requested for update
1438.5, 1445.5, 1454.5, 1470.5, 1492.5, 1507.5, 1514.5, 1523.5, 2209.5, 2221.5, 2230.5, 2273.5, 2366.5,
2380.5, 2383.5, 5620, 5690, 2378.5

6. Transmitter and associated antenna(s):
(a) Power 2277.5 Ave ☐ Peak ☐
(b) Transmitter nomenclature: Make _____ Model _____
(c) Transmitter frequency range _____ XTAL ☐ Synthesized ☐
(d) Frequency stability under all operating conditions _____ %

- (e) JFP status or Type Acceptance No. of transmitter _____
- (f) Type of transmitting antenna _____ No. per vehicle _____
- (g) Gain in dB above isotropic _____ Polarization _____
- (h) Altitude and area of operation _____
- (i) Ground (Receiver): Address _____
- City _____ County _____ State _____
- Latitude _____ Longitude _____
- (j) Receiver Antenna Type _____ Gain in dB _____
- (k) Receiver Antenna Elevation above MSL in feet _____

7. Duration and description of proposed operational program (attach additional sheets if required):

8. **AFTRCC COORDINATION TERMS AND CONDITIONS**

- AFTRCC recommends use of the 2360 to 2390 MHz bands for all telemetry operations required within the "S" band. Coordination for telemetry operations in the bands 2310-2320 MHz and 2345-2360 MHz will be on a secondary basis, and may require additional coordination with the Wireless Communications Services.
- All requests for frequency coordination by Aerospace & Flight Test Radio Coordinating Council ("AFTRCC") are subject to the following terms and conditions:
- AFTRCC provides recommendations to the Federal Communications Commission ("FCC") for non-Government use of flight test voice and telemetry frequencies. AFTRCC's role is strictly advisory; in all cases the FCC makes the decision whether to issue a license.
- Applicants are advised that no representations or warranties, express or implied, are made as to the interference-free nature of any given frequency or frequencies which AFTRCC coordinates, or as to whether any given frequency recommendation is best suited for the Applicant's purposes.
- Applicants should also be aware that frequencies coordinated by AFTRCC are shared with other users; no one user is entitled to exclusive use of a frequency in any given area. Multiple users may be, and often are, licensed or have government assignments for use of the same frequencies. Hence, notwithstanding FCC issuance of a license to the Applicant, transmission on any given frequency may be subject to day-to-day, hour-by-hour scheduling with Government Area Frequency Coordinators ("AFC's") or other agencies.
- In return for AFTRCC's processing of the Applicant's request, the Applicant agrees to release and hold harmless AFTRCC, its officers, directors, agents, representatives, and member companies (and their respective officers, directors, employees, owners, and agents) from and against any and all claims, losses, liabilities, damages or expenses which may arise now or in the future as a result of the Applicant's acceptance of AFTRCC's recommendation, or its use of the recommended frequency(ies).
- By the signature of its duly authorized official below, the applicant accepts and acknowledges these limitations and conditions.
- Information supplied in support of this coordination request is part of the FCC application process. Accordingly, this information is considered public record material.

Signature: _____

Print Name: Claude Wells

Title: RF Licensing Specialist

Date: 07/07/2014