

SCRPS Status Update

FCC Form 5640

OMB Control No. 3060-1270

File No. SC-SU0001187

Applicant Information

Applicant FRN	0020528535	Applicant Address	105 Edgeview Drive
Applicant Name	Gogo Business Aviation LLC	Applicant City	Broomfield
Applicant Email	bgordon@gogoair.com	Applicant State	CO
Applicant Phone	2026800576	Applicant ZIP Code	80021

Contact Information

Is the contact the same as the contact listed on the Application Request for Funding Allocation? If not, please list below.

Contact Name	Mike Rupert	Contact Address	105 Edgeview Drive
Contact Email	Mrupert@gogoair.com	Contact City	Broomfield
Contact Phone	6304175109	Contact State	CO
		Contact ZIP Code	80021

*Indicate which deadline you are meeting with this filing.

2022-10-13

Explanation of Effort and Availability of Commercial Equipment

*Provide an explanation of efforts undertaken, and challenges encountered, in permanently removing, replacing, and disposing of covered communications equipment or service.

A. Currently, Gogo is:

- In the process of complying with all requirements of the Reimbursement Program
- In the process of complying with the commitments made originally in our application
- In the preliminary phase of the process of permanently removing, replacing, and disposing of all covered communications equipment or services that were in our network as of the date of the submission of Gogo's application

• In the process of complying with the timeline submitted in our application
Further details on the "in-process" activities listed above are outlined and described in more detail throughout the other areas of this report.

While Gogo does in fact eagerly await more information on the full funding of the program, the plans established in the Project Timeline are proceeding and actions are being taken. The 1st Quarter of the Project Timeline stipulates Pre-Planning activities, and here is a list of those activities completed and underway:

- Gogo has conducted Antenna Diversity testing at several existing cell sites along the east coast of the U.S.
 - o The underlying need for this test was to validate the potential impact to the existing service, if Gogo must partially remove some of the service-providing antennas, to support the installation of the new, replacement antennas on towers with limited space or structural capacity
 - o The test results from this effort met expectations, and therefore can be considered a viable option to be pursued, if required in certain scenarios
- Gogo has shared system requirements and specifications for all replacement network components with potential vendors, and those vendors have provided in response, designs for Gogo's review, to prepare for formal PDR (preliminary design review) – the following network components are considered in-scope for this review:
 - o Cell Site Ground Network Infrastructure (equipment and systems to be replaced at existing cell sites)
 - o Tower Antennas (antennas to be replaced on cell site towers)
 - o Network Core/Datacenters (equipment and systems to be replaced in Gogo's datacenters)
- § Progress has been made to evaluate a network core solution from a preferred vendor, to serve as a suitable replacement within Gogo's network ecosystem, and platform for other network components and systems delivered from other vendors (as outlined above)
 - Outside of work efforts and discussions with vendors as outlined above, Gogo is also continuing to make progress on work related to Airborne Equipment design
 - o These design efforts are a critical input to the overall product offering that will be used by our customers to help facilitate network transition (the key tenet of this program)
 - Gogo has continued to make progress internally to define the plan and approach for requesting reimbursements from the FCC as part of the SCRP program, including a proposed approach for financial reporting in coordination/alignment with reimbursement
 - o Discussions on this topic will likely continue throughout the reimbursement timeline
 - Gogo's Production Operations team has started the ordering and procurement of certain long-lead time parts that will likely be used in the design, test, and manufacturing of replacement airborne equipment
 - Long-term Gogo PMO team ownership of the project has been defined, and comprehensive cross-functional planning efforts are continuing as expected

*Explain whether you are finding commercially available equipment in the marketplace. If not, then explain efforts taken to obtain replacement equipment.

Given that Gogo's particular application for network replacement includes parts and equipment that are not COTS (Commercial Off The Shelf), there is significant effort and consideration involved to design and manufacture these items per specific requirements, as outlined above (both with vendors and internally). The following updates should help to detail and outline these efforts and associated challenges:

- Chipsets and componentry for airborne equipment have significant supply chain constraints
 - o Orders have been placed for initial quantities of these types of parts, however, communications from vendors and suppliers have indicated lead times of ~70 weeks for delivery
- Network router equipment has significant supply chain constraints
 - o Vendors have communicated lead times of ~52-78 weeks for delivery
 - o Despite these communicated lead times, network router equipment cannot be ordered until designs and integration plans have been reviewed for other aspects of the replacement network (Cell Site Ground Network Infrastructure, Tower Antennas, etc.)
- Other aspects and components of the intended replacement network (Cell Site Ground Network Infrastructure, Tower Antennas, etc.) cannot be ordered at this time, as designs are not yet complete
 - o It should be noted that these items will not likely be ordered until Gogo and vendors complete relevant PDR (preliminary design review) activities, and Gogo feels that the designed replacement network components can and will meet all functional and performance requirements, as defined by Gogo – long lead times are also expected for these items, but additional updates and details will be provided in this regard once available from vendors
 - o Full-funding guidance and updates should also be considered as necessary inputs for Gogo to determine to proceed with ordering these items

* If there is additional information relevant to the preceding questions or that you believe the Commission should be aware of, please include the information below.

Without full funding in place, equipment and component orders have not been placed except in the most extreme cases. Upon notification of full funding, remaining long lead-time orders for equipment and componentry will be placed. Gogo will continue to follow our previously submitted and approved Project Timeline for timing guidance and sequencing for Equipment Orders, pending full funding approval and notification.

Program Compliance

*Indicate whether recipient has fully complied with (or is in the process of complying with) all requirements of the Reimbursement Program.

Yes No

*Indicate whether recipient has permanently removed from its communications network, replaced, and disposed of (or is in the process of permanently removing, replacing, and disposing of) all covered communications equipment or services that were in the recipient's network as of the date of submission of the recipient's application requesting funding.

Yes No

If you have not yet completed the removal, replacement, and/or disposal process, what estimated percentage of the removal, replacement, and/or disposal process have you completed?

*Indicate whether recipient has fully complied with (or is in the process of complying with) the timeline submitted by the recipient. If not, provide explanation for deviation.

Yes No

*The filer has indicated no to a question in this section, please provide additional information.

Certifications

*By checking the box and providing the electronic signature where indicated below, the Certifying Official on behalf of the filer certifies under penalty of perjury that:

(1) The Certifying Official is authorized to submit this status report on behalf of the above-named filer and, based on information known to me or provided to me by employees responsible for the information being submitted, the information set forth in this status report has been examined and is true, accurate, and complete, and the expenditures, disbursements and cash receipts are for the purposes and objectives set forth in the terms and conditions of the Federal award. The Certifying Official acknowledges that any false, fictitious, or fraudulent information or statement, or the omission of any material fact on this status report or on any other document submitted by the filer may subject the filer and the undersigned to punishment by fine or forfeiture under the Communications Act (47 U.S.C. §§ 502, 503(b), 1606), or fine or imprisonment under Title 18 of the United States Code (18 U.S.C. § 1001, §§ 286-287, and § 1343), or can lead to liability under the False Claims Act (31 U.S.C. §§ 3729-3733, and §§ 3801-3812). (2) The filer is in compliance with the statute, rules, and orders governing the Reimbursement Program, including but not limited to allocations, draw downs, payments, obligations and expenditures of money, and the Certifying Official acknowledges that failure to be in compliance and remain in compliance with those statutes, rules, and orders may result in the denial of funding, cancellation of funding commitments, and/or recoupment of past disbursements. The Certifying Official acknowledges that the filer will maintain detailed records, including receipts, of all costs eligible for reimbursement actually incurred for a period of 10 years; and will file all required documentation for its expenses. The Certifying Official acknowledges that failure to comply with the statute, rules, and orders governing the Reimbursement Program could result in civil or criminal prosecution by law enforcement authorities.

Certifier Information

Certifier Signature	Marguerite M. Elias	Certifier Phone	312-517-5566
Certifier Name	Marguerite M. Elias	Certifier Email	Melias@gogoair.com
Certifier Title	Executive Vice President and C		
Date Signed	2022-10-12		