

From: donotreply_from_webfcr@faa.gov
To: [Miller \(US\), Nathan A](#)
Cc: dennis.r-ctr.hughes@faa.gov
Subject: FAA Concurrence of Record TRK 210934, Project: NFENM11/09/2021(1)
Date: Wednesday, November 10, 2021 2:22:34 AM
Attachments: [TRK 210934 NG T210954 Card3 Approved.txt](#)
[NTIA-Card3-Descriptions.pdf](#)

Dear nathan.a.miller@boeing.com,

The FAA Spectrum Engineering Services has completed the review of your Frequency Coordination Request.

TRK 210934 is assigned an FAA Coordination number NG T210954 that indicates FAA's coordination that may or may not include operational limits/conditions as part of the requirement for FAA concurrence. The FAA Spectrum Engineering Services has provided the following comments:

COMMENTS: NONE

Please note that this concurrence does not constitute authority to transmit. Your authority to transmit must be obtained from the FCC.

Please provide this concurrence notice to the FCC as part of your frequency application, to demonstrate completion of the FAA coordination process. The FAA Coordination number is only valid until 5/9/2022; if you need an extension, please submit an inquiry via WebFCR .

The attached file contains a Card 3 format with all technical and operational parameters; operations are required to be contained within these parameters for the FAA's concurrence to remain valid. If any of these parameters change, the license to transmit shall be re-coordinated with the FAA and updated with the FCC. A document that explains each field of the Card 3 format in plain text is attached.

The following Revision Table outlines key parameters of this coordination:

| Attribute | Record Parameter |
|-----------------------|------------------|
| Serial Number | NG T210954 |
| Frequency | M112.1750 |
| City | AMARILLO |
| State | TX |
| Transmitter Radius | 0002 |
| Transmitter Latitude | 351309.00N |
| Transmitter Longitude | 1014221.00W |
| Antenna Height | 0010 |
| Receiver Latitude | 351309.00N |
| Receiver Longitude | 1014221.00W |

| | |
|----------------|-------|
| Equipment Type | C,TEL |
|----------------|-------|

Best regards,

FAA Spectrum Engineering Services

From: donotreply_from_webfcr@faa.gov
To: [Miller \(US\), Nathan A](#)
Cc: dennis.r-ctr.hughes@faa.gov
Subject: FAA Concurrence of Record TRK 210935, Project: NFENM11/09/2021(2)
Date: Wednesday, November 10, 2021 9:43:48 AM
Attachments: [TRK 210935 NG T210955 Card3 Approved.txt](#)
[NTIA-Card3-Descriptions.pdf](#)

Dear nathan.a.miller@boeing.com,

The FAA Spectrum Engineering Services has completed the review of your Frequency Coordination Request.

TRK 210935 is assigned an FAA Coordination number NG T210955 that indicates FAA's coordination that may or may not include operational limits/conditions as part of the requirement for FAA concurrence. The FAA Spectrum Engineering Services has provided the following comments:

COMMENTS: NONE

Please note that this concurrence does not constitute authority to transmit. Your authority to transmit must be obtained from the FCC.

Please provide this concurrence notice to the FCC as part of your frequency application, to demonstrate completion of the FAA coordination process. The FAA Coordination number is only valid until 5/9/2022; if you need an extension, please submit an inquiry via WebFCR .

The attached file contains a Card 3 format with all technical and operational parameters; operations are required to be contained within these parameters for the FAA's concurrence to remain valid. If any of these parameters change, the license to transmit shall be re-coordinated with the FAA and updated with the FCC. A document that explains each field of the Card 3 format in plain text is attached.

The following Revision Table outlines key parameters of this coordination:

| Attribute | Record Parameter |
|-----------------------|------------------|
| Serial Number | NG T210955 |
| Frequency | M112.3750 |
| City | BURNS FLAT |
| State | OK |
| Transmitter Radius | 0002 |
| Transmitter Latitude | 352023.00N |
| Transmitter Longitude | 0991202.00W |
| Antenna Height | 0010 |
| Receiver Latitude | 352023.00N |
| Receiver Longitude | 0991202.00W |

| | |
|----------------|------------------|
| Service Type | GBAS |
| Equipment Type | U,TELERAD EM9009 |
| Antenna Type | DIPOLEARRY |

Best regards,

FAA Spectrum Engineering Services

From: donotreply_from_webfcr@faa.gov
To: [Miller \(US\), Nathan A](#)
Cc: dennis.r-ctr.hughes@faa.gov
Subject: FAA Concurrence of Record TRK 210936, Project: NFENM11/09/2021(3)
Date: Friday, November 12, 2021 4:44:19 AM
Attachments: [TRK 210936 NG T210956 Card3 Approved.txt](#)
[NTIA-Card3-Descriptions.pdf](#)

Dear nathan.a.miller@boeing.com,

The FAA Spectrum Engineering Services has completed the review of your Frequency Coordination Request.

TRK 210936 is assigned an FAA Coordination number NG T210956 that indicates FAA's coordination that may or may not include operational limits/conditions as part of the requirement for FAA concurrence. The FAA Spectrum Engineering Services has provided the following comments:

COMMENTS: NONE

Please note that this concurrence does not constitute authority to transmit. Your authority to transmit must be obtained from the FCC.

Please provide this concurrence notice to the FCC as part of your frequency application, to demonstrate completion of the FAA coordination process. The FAA Coordination number is only valid until 5/11/2022; if you need an extension, please submit an inquiry via WebFCR .

The attached file contains a Card 3 format with all technical and operational parameters; operations are required to be contained within these parameters for the FAA's concurrence to remain valid. If any of these parameters change, the license to transmit shall be re-coordinated with the FAA and updated with the FCC. A document that explains each field of the Card 3 format in plain text is attached.

The following Revision Table outlines key parameters of this coordination:

| Attribute | Record Parameter |
|-----------------------|------------------|
| Serial Number | NG T210956 |
| Frequency | M112.5250 |
| City | COLD BAY |
| State | AK |
| Transmitter Latitude | 551221.00N |
| Transmitter Longitude | 1624334.00W |
| Antenna Height | 0010 |
| Receiver Latitude | 551221.00N |
| Receiver Longitude | 1624334.00W |
| Service Type | GBAS |

| | |
|----------------|------------------|
| Equipment Type | U,TELERAD EM9009 |
| Antenna Type | DIPOLEARRY |

Best regards,

FAA Spectrum Engineering Services

From: donotreply_from_webfcr@faa.gov
To: [Miller \(US\), Nathan A](#)
Cc: dennis.r-ctr.hughes@faa.gov
Subject: FAA Concurrence of Record TRK 210937, Project: NFENM11/09/2021(4)
Date: Friday, November 12, 2021 4:52:59 AM
Attachments: [TRK 210937 NG T210957 Card3 Approved.txt](#)
[NTIA-Card3-Descriptions.pdf](#)

Dear nathan.a.miller@boeing.com,

The FAA Spectrum Engineering Services has completed the review of your Frequency Coordination Request.

TRK 210937 is assigned an FAA Coordination number NG T210957 that indicates FAA's coordination that may or may not include operational limits/conditions as part of the requirement for FAA concurrence. The FAA Spectrum Engineering Services has provided the following comments:

COMMENTS: NONE

Please note that this concurrence does not constitute authority to transmit. Your authority to transmit must be obtained from the FCC.

Please provide this concurrence notice to the FCC as part of your frequency application, to demonstrate completion of the FAA coordination process. The FAA Coordination number is only valid until 5/11/2022; if you need an extension, please submit an inquiry via WebFCR .

The attached file contains a Card 3 format with all technical and operational parameters; operations are required to be contained within these parameters for the FAA's concurrence to remain valid. If any of these parameters change, the license to transmit shall be re-coordinated with the FAA and updated with the FCC. A document that explains each field of the Card 3 format in plain text is attached.

The following Revision Table outlines key parameters of this coordination:

| Attribute | Record Parameter |
|-----------------------|------------------|
| Serial Number | NG T210957 |
| Frequency | M112.3250 |
| City | MIDLAND |
| State | TX |
| Transmitter Latitude | 315633.00N |
| Transmitter Longitude | 1021207.00W |
| Antenna Height | 0010 |
| Receiver Latitude | 315633.00N |
| Receiver Longitude | 1021207.00W |
| Service Type | GBAS |

| | |
|----------------|------------------|
| Equipment Type | U,TELERAD EM9009 |
| Antenna Type | DIPOLEARRY |

Best regards,

FAA Spectrum Engineering Services

From: donotreply_from_webfcr@faa.gov
To: [Miller \(US\), Nathan A](#)
Cc: dennis.r-ctr.hughes@faa.gov
Subject: FAA Concurrence of Record TRK 210938, Project: NFENM11/09/2021(5)
Date: Friday, November 12, 2021 4:59:01 AM
Attachments: [TRK 210938 NG T210958 Card3 Approved.txt](#)
[NTIA-Card3-Descriptions.pdf](#)

Dear nathan.a.miller@boeing.com,

The FAA Spectrum Engineering Services has completed the review of your Frequency Coordination Request.

TRK 210938 is assigned an FAA Coordination number NG T210958 that indicates FAA's coordination that may or may not include operational limits/conditions as part of the requirement for FAA concurrence. The FAA Spectrum Engineering Services has provided the following comments:

COMMENTS: NONE

Please note that this concurrence does not constitute authority to transmit. Your authority to transmit must be obtained from the FCC.

Please provide this concurrence notice to the FCC as part of your frequency application, to demonstrate completion of the FAA coordination process. The FAA Coordination number is only valid until 5/11/2022; if you need an extension, please submit an inquiry via WebFCR .

The attached file contains a Card 3 format with all technical and operational parameters; operations are required to be contained within these parameters for the FAA's concurrence to remain valid. If any of these parameters change, the license to transmit shall be re-coordinated with the FAA and updated with the FCC. A document that explains each field of the Card 3 format in plain text is attached.

The following Revision Table outlines key parameters of this coordination:

| Attribute | Record Parameter |
|-----------------------|------------------|
| Serial Number | NG T210958 |
| Frequency | M112.0750 |
| City | LUBBOCK |
| State | TX |
| Transmitter Latitude | 333949.00N |
| Transmitter Longitude | 1014914.00W |
| Receiver Latitude | 333949.00N |
| Receiver Longitude | 1014914.00W |

Best regards,

From: donotreply_from_webfcr@faa.gov
To: [Miller \(US\), Nathan A](#)
Cc: dennis.r-ctr.hughes@faa.gov
Subject: FAA Concurrence of Record TRK 210939, Project: NFENM11/09/2021(6)
Date: Friday, November 12, 2021 5:07:39 AM
Attachments: [TRK 210939 NG T210959 Card3 Approved.txt](#)
[NTIA-Card3-Descriptions.pdf](#)

Dear nathan.a.miller@boeing.com,

The FAA Spectrum Engineering Services has completed the review of your Frequency Coordination Request.

TRK 210939 is assigned an FAA Coordination number NG T210959 that indicates FAA's coordination that may or may not include operational limits/conditions as part of the requirement for FAA concurrence. The FAA Spectrum Engineering Services has provided the following comments:

COMMENTS: NONE

Please note that this concurrence does not constitute authority to transmit. Your authority to transmit must be obtained from the FCC.

Please provide this concurrence notice to the FCC as part of your frequency application, to demonstrate completion of the FAA coordination process. The FAA Coordination number is only valid until 5/11/2022; if you need an extension, please submit an inquiry via WebFCR .

The attached file contains a Card 3 format with all technical and operational parameters; operations are required to be contained within these parameters for the FAA's concurrence to remain valid. If any of these parameters change, the license to transmit shall be re-coordinated with the FAA and updated with the FCC. A document that explains each field of the Card 3 format in plain text is attached.

The following Revision Table outlines key parameters of this coordination:

| Attribute | Record Parameter |
|-----------------------|------------------|
| Serial Number | NG T210959 |
| Frequency | M112.5250 |
| City | LINCOLN |
| State | NE |
| Transmitter Latitude | 405103.00N |
| Transmitter Longitude | 0964533.00W |
| Antenna Height | 0010 |
| Receiver Latitude | 405103.00N |
| Receiver Longitude | 0964533.00W |
| Service Type | GBAS |

| | |
|----------------|------------------|
| Equipment Type | U,TELERAD EM9009 |
| Antenna Type | DIPOLEARRY |

Best regards,

FAA Spectrum Engineering Services

From: donotreply_from_webfcr@faa.gov
To: [Miller \(US\), Nathan A](#)
Cc: dennis.r-ctr.hughes@faa.gov
Subject: FAA Concurrence of Record TRK 210940, Project: NFENM11/09/2021(7)
Date: Friday, November 12, 2021 5:11:24 AM
Attachments: [TRK 210940 NG T210960 Card3 Approved.txt](#)
[NTIA-Card3-Descriptions.pdf](#)

Dear nathan.a.miller@boeing.com,

The FAA Spectrum Engineering Services has completed the review of your Frequency Coordination Request.

TRK 210940 is assigned an FAA Coordination number NG T210960 that indicates FAA's coordination that may or may not include operational limits/conditions as part of the requirement for FAA concurrence. The FAA Spectrum Engineering Services has provided the following comments:

COMMENTS: NONE

Please note that this concurrence does not constitute authority to transmit. Your authority to transmit must be obtained from the FCC.

Please provide this concurrence notice to the FCC as part of your frequency application, to demonstrate completion of the FAA coordination process. The FAA Coordination number is only valid until 5/11/2022; if you need an extension, please submit an inquiry via WebFCR .

The attached file contains a Card 3 format with all technical and operational parameters; operations are required to be contained within these parameters for the FAA's concurrence to remain valid. If any of these parameters change, the license to transmit shall be re-coordinated with the FAA and updated with the FCC. A document that explains each field of the Card 3 format in plain text is attached.

The following Revision Table outlines key parameters of this coordination:

| Attribute | Record Parameter |
|-----------------------|------------------|
| Serial Number | NG T210960 |
| Frequency | M112.4750 |
| City | TULSA |
| State | OK |
| Transmitter Latitude | 361154.00N |
| Transmitter Longitude | 0955317.00W |
| Antenna Height | 0010 |
| Receiver Latitude | 361154.00N |
| Receiver Longitude | 0955317.00W |
| Service Type | GBAS |

| | |
|----------------|------------------|
| Equipment Type | U,TELERAD EM9009 |
| Antenna Type | DIPOLEARRY |

Best regards,

FAA Spectrum Engineering Services