Subpart T—Compressors

§ 431.342 Definitions concerning compressors.

Compressor means a machine or apparatus that converts different types of energy into the potential energy of gas pressure for displacement and compression of gaseous media to any higher pressure values above atmospheric pressure and has a pressure ratio at full-load operating pressure greater than 1.3.
unable to change the ceiling altitude, update the enroute charts to show V–436 penetrates R–5601G; reduce the northern boundary of V–436 to provide additional lateral spacing from V–436; and synchronize the effective date of any new restricted areas to coincide with sectional chart dates.

Having considered the issues and recommendations provided by AOPA, the FAA offers the following responses.

**Consider Other Types of Special Use Airspace (SUA) Before Enacting a Restricted Area**

The purpose of a restricted area is to confine or segregate activities considered hazardous to nonparticipating aircraft. The FAA recognizes that R–5601G and H, when activated, would restrict access by non-participating aircraft. As noted in the NPRM, the U.S. Army requested this action to allow realistic training on current tactics developed and refined during recent combat operation for employing hazardous (non-eye safe) combat targeting laser systems and weapons capabilities at longer ranges from the target area. It was also noted that there was no alternative SUA complex within 200 NM where combat lasers could be employed that would support this aircrew training requirement. Therefore, the FAA has determined restricted area airspace is the appropriate SUA solution for conducting the hazardous activities associated with the U.S. Army’s training requirement.

**Reduce the Maximum Altitude of R–5601 To Align With the Minimum Enroute Altitude of VHF Omnidirectional Range (VOR) Federal Airway V–436**

This recommendation would drop the ceiling of R–5601G from “to but not including 8,000 feet MSL” to 5,400 feet MSL. Such a lowered ceiling would prevent laser employment at ranges beyond 10 miles due to graze angle restrictions and result in loss of the increased standoff ranges proposed for realistic aircrew combat training. Additionally, the western portion of R–5601G overlies the Wichita Mountains National Wildlife Refuge. As mitigation to adverse effects when R–5601F was established in 2007, the Army agreed to restrict flights below 5,500 feet MSL over the Wildlife Refuge. Observing this local flight restriction to not overfly the Wildlife Refuge below 5,500 feet MSL and AOPA’s recommended restricted area ceiling of 5,400 feet MSL, would actually result in no available restricted area airspace over the Wichita Mountains National Wildlife Refuge and compression of the remaining portions of R–5601G to the point that the restricted area would not meet the military’s training requirements any longer. The FAA does not support lowering the R–5601G ceiling as recommended.

The R–5601G boundaries description information in the regulatory text is being amended to reflect the U.S. Army’s local flight restriction to not overfly the Wichita Mountains National Wildlife Refuge below 5,500 feet MSL and match the corresponding flight restriction documented in the R–5601F legal description and on the applicable aeronautical charts.

**If Unable To Reduce the Ceiling of R–5601G, Update the Enroute Charts To Show V–436 Penetrates an Established Restricted Area**

It is common practice for the FAA to depict Air Traffic Service (ATS) Routes and SUA areas on IFR and VFR aeronautical charts in accordance with established charting standards. Additionally, SUA times are published in a tab on the associated IFR and VFR charts to identify the SUA times of use. As such, V–436 will be charted on the IFR enroute charts, depicting it running through R–5601G and the R–5601 times of use will be published on the associated charts.

**Truncate the Northern Boundary of R–5601G To Preserve V–436 Through Lateral Separation**

The FAA acknowledges that amending the proposed R–5601G northern boundary to provide a 4 NM buffer from the V–436 centerline would allow unimpeded use of the airway when the restricted area is active. However, this recommendation reduces the north-south lateral dimension of R–5601G by approximately 7 NM at its northeast corner. One of the stated purposes of this action, as noted in the NPRM, was to allow realistic training on current tactics developed and during recent combat operation for employing hazardous targeting laser systems and weapons capabilities at longer ranges from the target area. Modern rangefinder and laser designators can be employed at ranges out to 25 NM. As proposed, the distance from the target arrays in R–5601C (Falcon Range) to the northeast corner of R–5601G is approximately 22 NM and the distance from the targets in R–5601B to the proposed northeast corner is approximately 17 NM. Amending the R–5601G northern boundary as recommended by AOPA would reduce these distances to 17 NM and 12 NM, respectively. As such, the FAA does not support this recommendation since the reduced distances to the target areas would be inadequate for the military to conduct realistic training on current tactics employing targeting laser systems and weapons systems at longer ranges.

**Synchronize the Effective Date of Any New Restricted Areas To Coincide With Sectional Chart Dates**

The FAA normally makes regulatory airspace actions, including restricted areas, effective on a sectional chart date; however, consideration is given to selecting a sectional aeronautical chart date when deemed appropriate based on the potential aeronautical impacts associated with the airspace action being taken. This action is being made effective on a sectional chart date that matches the 56-day enroute chart dates.

**Differences From the NPRM**

Subsequent to publication of the NPRM, the FAA identified a number of geographic lat./long. coordinate updates to the R–5601A–E, G, and H boundaries information to more accurately reflect the existing boundaries using digital charting capabilities. Additionally, the arc radius distance listed in the R–5601B and R–5601H descriptions was determined to be described using statute miles and is being updated to reflect the corresponding nautical mile distance. Finally, the R–5601H controlling agency title proposed in the NPRM did not match the controlling agency title for the other R–5601 complex restricted areas and is being updated to match. The using agency, controlling agency, and boundaries updates are administrative in nature and do not affect the overall restricted area boundaries; designated altitudes; times of designation; or activities conducted within those restricted areas. The following restricted area updates are incorporated in this action.

The geographical lat./long. coordinates for the points located on Interstate Highway 44 (I–44) listed in the R–5601A and R–5601B descriptions, and a corresponding point listed in the R–5601H description, are actually located west of I–44. The geographical coordinates are updated to accurately reflect the points on I–44.

The 3-mile arc radius distance listed in the existing R–5601B and proposed R–5601H descriptions is not clear that it is defined in reference to statute miles. The 3-mile [statute miles] arc radius is updated to reflect it as 2.6 NM to retain the boundary, unchanged, and comply with FAA Order JO 7400.2, Procedures for Handling Airspace Matters, guidance.
The geographical lat./long. coordinates listed for the eastern-most point located on the 2.6 NM arc radius (formerly 3-mile arc radius as noted above) in the existing R–5601B and proposed R–5601H descriptions is actually located north of the arc. The geographical coordinates are updated to accurately reflect the point on the 2.6 NM arc.

The geographical lat./long. coordinates listed for the northern boundary point located on Oklahoma State Highway No. 115 in the R–5601B and R–5601C descriptions, and the corresponding point listed in the R–5601D description, is actually located east of the highway. The geographical coordinates are updated to accurately reflect the point on Oklahoma State Highway No. 115.

The geographical lat./long. coordinates for one point listed in the R–5601E description does not match the geographical coordinates for the corresponding point listed in the R–5601F and R–5601G descriptions. The geographical coordinates for the point are updated to match the information published in the R–5601B and R–5601C descriptions.

The geographical lat./long. coordinates for the first point listed in the R–5601G description does not create a shared boundary with R–5601F and results in a gap between the two restricted areas. The geographical lat./long. coordinates for the point are updated to ensure a shared R–5601F and R–5601G boundary.

The controlling agency information listed in the R–5601H description does not match the controlling agency information verbatim in all the other R–5601 restricted areas. The controlling agency information is updated to standardize the information in all R–5601 restricted areas.

The Rule

The FAA is amending 14 CFR part 73 to establish 2 new restricted areas (R–5601G and R–5601H) at Fort Sill, OK, and update the using agency information listed for the existing restricted areas (R–5601A–F) as noted in the NPRM. The FAA is also incorporating the restricted area updates noted in the Differences from the NPRM section. The FAA is taking this action to ensure containment of the hazardous activities associated with aircrew training missions that are incorporating non-eye safe targeting laser employment and weapons delivery tactics used by the military today, at increased distances from the target range, within restricted area airspace. The amendments are as follows:

R–5601A: The geographic coordinates “lat. 34°40′47″ N., long. 98°23′09″ W.,” in the boundaries description are changed to “lat. 34°40′47″ N., long. 98°23′07″ W.,” and the geographic coordinates “lat. 34°43′30″ N., long. 98°24′01″ W.,” are changed to “lat. 34°43′30″ N., long. 98°23′59″ W.,” to coincide with I–44.

R–5601B: The geographic coordinates “lat. 34°40′47″ N., long. 98°23′09″ W.,” in the boundaries description are changed to “lat. 34°40′47″ N., long. 98°23′07″ W.,” and the geographic coordinates “lat. 34°43′30″ N., long. 98°24′01″ W.,” are changed to “lat. 34°43′30″ N., long. 98°23′59″ W.,” to coincide with I–44. Additionally, the geographic coordinates “lat. 34°40′54″ N., long. 98°37′54″ W.,” are changed to “lat. 34°40′54″ N., long. 98°37′56″ W.,” to coincide with Oklahoma State Highway No. 115. Lastly, the arc radius “3-mile” is changed to “2.6 NM” to retain the existing boundary defined in terms of NM and the geographic coordinates “lat. 34°40′12″ N., long. 98°26′18″ W.,” are changed to “lat. 34°40′11″ N., long. 98°26′18″ W.,” to coincide with the 2.6 NM arc radius.

R–5601C: The geographic coordinates “lat. 34°40′54″ N., long. 98°37′54″ W.,” in the boundaries description are changed to “lat. 34°40′54″ N., long. 98°37′56″ W.,” to coincide with Oklahoma State Highway No. 115.

R–5601D: The geographic coordinates “lat. 34°40′54″ N., long. 98°37′54″ W.,” in the boundaries description are changed to “lat. 34°40′54″ N., long. 98°37′56″ W.,” to coincide with Oklahoma State Highway No. 115.

R–5601E: The geographic coordinates “lat. 34°38′15″ N., long. 98°37′58″ W.,” in the boundaries description are changed to “lat. 34°38′15″ N., long. 98°37′57″ W.,” to match the corresponding point in R–5601A. Lastly, the arc radius “3-mile” is changed to “2.6 NM” to retain the existing boundary defined in terms of NM and the geographic coordinates “lat. 34°40′12″ N., long. 98°26′18″ W.,” are changed to “lat. 34°40′11″ N., long. 98°26′18″ W.,” to coincide with the 2.6 NM arc radius.

The two new restricted areas allow participating aircraft to maneuver within the current Fort Sill Approach Control Airspace and contain the hazardous combat laser energy within restricted airspace. As noted in the NPRM, R–5601G will be used for aircraft maneuvering and combat laser targeting employment and R–5601H will be used for aircraft conducting Close Air Support (CAS) training. There are no changes to the existing pattern of firing, ordnance delivery runs, or weapons impact areas and all weapons release continue to occur in R–5601A, R–5601B, or R–5601C, as they are now. Further, no supersonic flight will occur. This action also changes the using agency information “U.S. Army, Commanding General, Fort Sill, OK,” listed for R–5601A–E to “U.S. Army, Commanding General, U.S. Army Fires Center of Excellence (USAFCOE) and Fort Sill, Fort Sill, OK” and the using agency “Commanding General, United States Army Field Artillery Center (USAFACTS), Fort Sill, OK,” listed for R–5601F is changed to “U.S. Army, Commanding General, U.S. Army Fires Center of Excellence (USAFCOE) and Fort Sill, Fort Sill, OK.” These changes reflect the current organizational responsibilities and match the using agency information published in R–5601G and R–5601H.

The boundaries, designated altitudes, times of designation, and controlling agency information for restricted areas R–5601A–F are not changed by this action.

Regulatory Notices and Analyses

The FAA has determined that this regulation only involves an established body of technical regulations for which
frequent and routine amendments are necessary to keep them operationally current. It, therefore: (1) Is not a “significant regulatory action” under Executive Order 12866; (2) is not a “significant rule” under Department of Transportation (DOT) Regulatory Policies and Procedures (44 FR 11034; February 26, 1979); and (3) does not warrant preparation of a regulatory evaluation as the anticipated impact is so minimal. Since this is a routine matter that only affects air traffic procedures and air navigation, it is certified that this rule, when promulgated, does not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

Environmental Review

In accordance with FAA Order 1050.1F, paragraphs 6–3.c and 6–2, the FAA has conducted an independent evaluation of the U.S. Army’s Final Environmental Assessment (EA) for the Creation of Restricted Areas (RAs) R–5601G and R–5601H. The FAA determined that no significant impacts would occur as a result of the Federal action and therefore, preparation of an Environmental Impact Statement is not warranted and a Finding of No Significant Impact in accordance with 40 CFR 1501.4(e) is appropriate. Subsequently, and in accordance with 40 CFR 1506.3, the FAA adopted the U.S. Army’s final EA and prepared a Finding of No Significant Impact/Record of Decision dated November 7, 2016.

List of Subjects in 14 CFR Part 73

Airspace, Prohibited areas, Restricted areas.

Adoption of the Amendment

In consideration of the foregoing, the Federal Aviation Administration amends 14 CFR part 73 as follows:

PART 73—SPECIAL USE AIRSPACE

1. The authority citation for part 73 continues to read as follows:


§ 73.56 [Amended]

2. Section 73.56 is amended as follows:

R–5601A Fort Sill, OK [Amended]

By removing the current boundaries and using agency information and substituting the following:

Boundaries. Beginning at lat. 34°38′15″ N., long. 98°20′56″ W.; to lat. 34°38′30″ N., long. 98°21′41″ W.; to lat. 34°38′50″ N., long. 98°22′06″ W.; to lat. 34°39′23″ N., long. 98°22′16″ W.; to lat. 34°40′47″ N., long. 98°23′07″ W.; thence north along the western edge of Interstate Highway 44 to lat. 34°43′30″ N., long. 98°23′59″ W.; to lat. 34°43′30″ N., long. 98°21′21″ W.; to lat. 34°43′45″ N., long. 98°21′01″ W.; to lat. 34°46′06″ N., long. 98°17′01″ W.; to the point of beginning.

Using agency. U.S. Army, Commanding General, U.S. Army Fires Center of Excellence (USAFCOE) and Fort Sill, Fort Sill, OK.

R–5601B Fort Sill, OK [Amended]

By removing the current boundaries and using agency information and substituting the following:

Boundaries. Beginning at lat. 34°40′47″ N., long. 98°23′07″ W.; thence counterclockwise along an arc, 2.6 NM radius centered at lat. 34°38′18″ N., long. 98°24′07″ W.; to lat. 34°40′11″ N., long. 98°26′18″ W.; to lat. 34°38′15″ N., long. 98°26′19″ W.; to lat. 34°38′15″ N., long. 98°37′57″ W.; thence north along the southern edge of the Wichita Mountains National Wildlife Refuge. MS att 34°56′20″ N., long. 98°25′27″ W.; thence south along the western edge of Interstate Highway 44 to the point of beginning.

Using agency. U.S. Army, Commanding General, U.S. Army Fires Center of Excellence (USAFCOE) and Fort Sill, Fort Sill, OK.

R–5601C Fort Sill, OK [Amended]

By removing the current boundaries and using agency information and substituting the following:

Boundaries. Beginning at lat. 34°38′15″ N., long. 98°37′57″ W.; to lat. 34°38′15″ N., long. 98°45′21″ W.; to lat. 34°41′47″ N., long. 98°45′21″ W.; to lat. 34°41′47″ N., long. 98°44′17″ W.; to lat. 34°41′21″ N., long. 98°44′17″ W.; to lat. 34°41′21″ N., long. 98°40′36″ W.; to lat. 34°40′54″ N., long. 98°40′36″ W.; to lat. 34°40′54″ N., long. 98°37′56″ W.; thence south along the southern edge of Interstate Highway 44 to the point of beginning.

Using agency. U.S. Army, Commanding General, U.S. Army Fires Center of Excellence (USAFCOE) and Fort Sill, Fort Sill, OK.

R–5601D Fort Sill, OK [Amended]

By removing the current boundaries and using agency information and substituting the following:

Boundaries. Beginning at lat. 34°38′15″ N., long. 98°45′21″ W.; to lat. 34°38′15″ N., long. 98°48′01″ W.; to lat. 34°42′15″ N., long. 98°50′01″ W.; to lat. 34°45′00″ N., long. 98°40′31″ W.; to lat. 34°43′30″ N., long. 98°35′40″ W.; to lat. 34°43′21″ N., long. 98°36′02″ W.; to lat. 34°40′54″ N., long. 98°40′36″ W.; to lat. 34°40′54″ N., long. 98°40′36″ W.; to lat. 34°40′54″ N., long. 98°37′56″ W.; thence south along Interstate Highway 44 to the point of beginning.

Using agency. U.S. Army, Commanding General, U.S. Army Fires Center of Excellence (USAFCOE) and Fort Sill, Fort Sill, OK.

R–5601E Fort Sill, OK [Amended]

By removing the current boundaries and using agency information and substituting the following:

Boundaries. Beginning at lat. 34°38′15″ N., long. 98°37′57″ W.; to lat. 34°36′00″ N., long. 98°46′46″ W.; to lat. 34°38′15″ N., long. 98°48′01″ W.; to lat. 34°38′15″ N., long. 98°45′21″ W.; to the point of beginning.

Using agency. U.S. Army, Commanding General, U.S. Army Fires Center of Excellence (USAFCOE) and Fort Sill, Fort Sill, OK.

R–5601F Fort Sill, OK [Amended]

By removing the current usage area and substituting the following:

Using agency. U.S. Army, Commanding General, U.S. Army Fires Center of Excellence (USAFCOE) and Fort Sill, Fort Sill, OK.

R–5601G Fort Sill, OK [New]

Boundaries. Beginning at lat. 34°46′03″ N., long. 98°25′50″ W.; to lat. 34°45′03″ N., long. 98°29′46″ W.; thence counterclockwise via the 46 NM arc of SPS VORTAC to lat. 34°43′46″ N., long. 98°49′55″ W.; to lat. 34°47′00″ N., long. 98°51′00″ W.; to lat. 34°50′30″ N., long. 98°46′02″ W.; to lat. 34°57′31″ N., long. 98°25′47″ W.; to the point of beginning. Excluding that airspace below 5,500 feet MSL over the Wichita Mountains National Wildlife Refuge.

Designated altitudes. 500 feet AGL to, but not including, 8,000 feet MSL.

Time of designation. Sunrise to 2200 local time, Monday-Friday; other times by NOTAM.

Controlling agency. FAA, Fort Worth ARTCC.

Using agency. U.S. Army, Commanding General, U.S. Army Fires Center of Excellence (USAFCOE) and Fort Sill, Fort Sill, OK.
PENSION BENEFIT GUARANTY CORPORATION

29 CFR Part 4022

Benefits Payable in Terminated Single-Employer Plans; Interest Assumptions for Paying Benefits

AGENCY: Pension Benefit Guaranty Corporation.

ACTION: Final rule.

SUMMARY: This final rule amends the Pension Benefit Guaranty Corporation’s regulation on Benefits Payable in Terminated Single-Employer Plans to prescribe interest assumptions under the regulation for valuation dates in December 2016. The interest assumptions are used for paying benefits under terminating single-employer plans covered by the pension system administered by PBGC.

DATES: Effective December 1, 2016.

FOR FURTHER INFORMATION CONTACT: Deborah C. Murphy (Murphy.Deborah@pbgc.gov), Assistant General Counsel for Regulatory Affairs, Pension Benefit Guaranty Corporation, 1200 K Street NW., Washington, DC 20005, 202–326–4400 ext. 3451. (TTY/TDD users may call the Federal relay service toll-free at 1–800–877–8339 and ask to be connected to 202–326–4400 ext. 3451.)

SUPPLEMENTARY INFORMATION: PBGC’s regulation on Benefits Payable in Terminated Single-Employer Plans (29 CFR part 4022) prescribes actuarial assumptions—including interest assumptions—for paying plan benefits under terminating single-employer plans covered by title IV of the Employee Retirement Income Security Act of 1974. The interest assumptions in the regulation are updated each December 1. The interest assumptions are intended to reflect current conditions in the financial and annuity markets. Assumptions under the benefit payments regulation are updated monthly. This final rule updates the benefit payments interest assumptions for December 2016.1

The December 2016 interest assumptions under the benefit payments regulation will be 0.75 percent for the period during which a benefit is in pay status and 4.00 percent during any years preceding the benefit’s placement in pay status. In comparison with the interest assumptions in effect for November 2016, these interest assumptions represent an increase of 0.25 percent in the immediate rate and are otherwise unchanged.

PBGC has determined that notice and public comment on this amendment are impracticable and contrary to the public interest. This finding is based on the need to provide and issue new interest assumptions promptly so that the assumptions can reflect current market conditions as accurately as possible.

Because of the need to provide immediate guidance for the payment of benefits under plans with valuation dates during December 2016, PBGC finds that good cause exists for making the amendments set forth in this amendment effective less than 30 days after publication. Because no general notice of proposed rulemaking is required for this amendment, the Regulatory Flexibility Act of 1980 does not apply. See 5 U.S.C. 601(2).

List of Subjects in 29 CFR Part 4022

Employee benefit plans, Pension insurance, Pensions, Reporting and recordkeeping requirements.

In consideration of the foregoing, 29 CFR part 4022 is amended as follows:

PART 4022—BENEFITS PAYABLE IN TERMINATED SINGLE-EMPLOYER PLANS

1. The authority citation for part 4022 continues to read as follows:

Authority: 29 U.S.C. 1302, 1322, 1322b, 1341(c)(3)(D), and 1344.

2. In appendix B to part 4022, Rate Set 278, as set forth below, is added to the table.

Appendix B to Part 4022—Lump Sum Interest Rates For PBGC Payments

<table>
<thead>
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<th>Rate set</th>
<th>For plans with a valuation date</th>
<th>Immediate annuity rate (percent)</th>
<th>Deferred annuities (percent)</th>
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1 Appendix B to PBGC’s regulation on Allocation of Assets in Single-Employer Plans (29 CFR part 4044) prescribes interest assumptions for valuing benefits under terminating covered single-employer plans for purposes of allocation of assets under ERISA section 4044. Those assumptions are updated quarterly.