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112°00'03" W.; west-northwest to Lat. 36°30'30" N., Long. 112°35'59" W.; southwest to Lat. 36°24'46" N., Long. 112°51'10" W., thence west along the boundary of Grand Canyon National Park (GCNP) to Lat. 36°14'08" N., Long. 113°10'07" W.; west-southwest to Lat. 36°09'30" N., Long. 114°03'03" W.; southeast to Lat. 36°05'11" N., Long. 113°58'46" W.; thence south along the boundary of GCNP to Lat. 35°58'23" N., Long. 113°54'14" W.; north to Lat. 36°00'10" N., Long. 113°53'48" W.; northeast to Lat. 36°02'14" N., Long. 113°50'16" W.; to Lat. 36°02'17" N., Long. 113°53'48" W.; northeast to Lat. 36°02'14" N., Long. 113°50'16" W.; to Lat. 36°02'17" N., Long. 113°49'11" W.; southeast to Lat. 36°01'22" N., Long. 113°48'21" W.; to Lat. 35°59'15" N., Long. 113°47'13" W.; to Lat. 35°57'51" N., Long. 113°46'01" W.; to Lat. 35°57'45" N., Long. 113°45'23" W.; southwest to Lat. 35°54'48" N., Long. 113°50'24" W.; southeast to Lat. 35°41'01" N., Long. 113°35'27" W.; thence clockwise via the 4.2-nautical mile radius of the Peach Springs VORTAC to Lat. 36°38'53" N., Long. 113°27'49" W.; northeast to Lat. 35°42'58" N., Long. 113°10'57" W.; north to Lat. 35°57'51" N., Long. 113°11'06" W.; east to Lat. 35°57'44" N., Long. 112°14'04" W.; thence clockwise via the 4.3-nautical mile radius of the Grand Canyon National Park Airport reference point (Lat. 35°57'08" N., Long. 112°08'49" W.) to the point of origin.

[Doc. No. 5926, 65 FR 17742, Apr. 4, 2000]

§ 93.303 Definitions.

For the purposes of this subpart:

*Allocation* means authorization to conduct a commercial air tour in the Grand Canyon National Park (GCNP) Special Flight Rules Area (SFRA).

*Commercial air tour* means any flight conducted for compensation or hire in a powered aircraft where a purpose of the flight is sightseeing. If the operator of a flight asserts that the flight is not a commercial air tour, factors that can be considered by the Administrator in making a determination of whether the flight is a commercial air tour include, but are not limited to—

(1) Whether there was a holding out to the public of willingness to conduct a sightseeing flight for compensation or hire;

(2) Whether a narrative was provided that referred to areas or points of interest on the surface;

(3) The area of operation;

(4) The frequency of flights;

(5) The route of flight;

(6) The inclusion of sightseeing flights as part of any travel arrangement package; or

(7) Whether the flight in question would or would not have been canceled based on poor visibility of the surface.

*Commercial Special Flight Rules Area Operation* means any portion of any flight within the Grand Canyon National Park Special Flight Rules Area that is conducted by a certificate holder that has operations specifications authorizing flights within the Grand Canyon National Park Special Flight Rules Area. This term does not include operations conducted under an FAA Form 7711-1, Certificate of Waiver or Authorization. The types of flights covered by this definition are set forth in the "Las Vegas Flight Standards District Office Grand Canyon National Park Special Flight Rules Area Procedures Manual" which is available from the Las Vegas Flight Standards District Office.

*Flight Standards District Office* means the FAA Flight Standards District Office with jurisdiction for the geographical area containing the Grand Canyon.

*Park* means Grand Canyon National Park.

*Special Flight Rules Area* means the Grand Canyon National Park Special Flight Rules Area.

[65 FR 17732, Apr. 4, 2000]

§ 93.305 Flight-free zones and flight corridors.

Except in an emergency or if otherwise necessary for safety of flight, or unless otherwise authorized by the Flight Standards District Office for a purpose listed in 93.309, no person may operate an aircraft in the Special Flight Rules Area within the following flight-free zones:

(a) *Desert View Flight-free Zone*. That airspace extending from the surface up to but not including 14,500 feet MSL within an area bounded by a line beginning at Lat. 35°59'58" N., Long. 111°52'47" W.; thence east and north along the

GCNP boundary to Lat. 36°14'05" N., Long. 111°48'34" W.; southwest to Lat. 36°12'06" N., Long. 111°51'14" W.; to the point of origin; but not including the airspace at and above 10,500 feet MSL within 1 nautical mile of the western boundary of the zone. The corridor to the west, between the Desert View and Bright Angel Flight-free Zones, is designated the "Zuni Point Corridor." This corridor is 2 nautical miles wide for commercial sightseeing flights and 4 nautical miles wide for transient and general aviation operations.

(b) *Bright Angel Flight-free Zone.* That airspace extending from the surface up to but not including 14,500 feet MSL within an area bounded by a line beginning at Lat. 35°58'39" N., Long. 111°55'43" W.; north to Lat. 36°12'41" N., Long. 111°53'54" W.; northwest to Lat. 36°18'18" N., Long. 111°58'15" W.; thence west along the GCNP boundary to Lat. 36°20'11" N., Long. 112°06'25" W.; south-southwest to Lat. 36°09'31" N., Long. 112°11'15" W.; to Lat. 36°04'16" N., Long. 112°17'20" W.; thence southeast along the GCNP boundary to Lat. 36°01'54" N., Long. 112°11'24" W.; thence clockwise via the 4.3-nautical mile radius of the Grand Canyon National Park Airport reference point (Lat. 35°57'08" N., Long. 112°08'49" W.) to Lat. 35°59'37" N., Long. 112°04'29" W.; thence east along the GCNP boundary to the point of origin; but not including the airspace at and above 10,500 feet MSL within 1 nautical mile of the eastern boundary or the airspace at and above 10,500 feet MSL within 2 nautical miles of the northwestern boundary. The corridor to the east, between this flight-free zone and the Desert View Flight-free Zone, is designated the "Zuni Point Corridor." The corridor to the west, between the Bright Angel and Toroweap/Shinumo Flight-free Zones, is designated the "Dragon Corridor." This corridor is 2 nautical miles wide for commercial sightseeing flights and 4 nautical miles wide for transient and general aviation operations.

(c) *Toroweap/Shinumo Flight-free Zone.* That airspace extending from the surface up to but not including 14,500 feet MSL within an area bounded by a line beginning at Lat. 36°05'44" N., Long. 112°19'27" W.; north-northeast to Lat. 36°10'49" N., Long. 112°13'19" W.; to Lat.

36°21'02" N., Long. 112°08'47" W.; thence west and south along the GCNP boundary to Lat. 36°10'58" N., Long. 113°08'35" W.; south to Lat. 36°10'12" N., Long. 113°08'34" W.; thence northeast along the park boundary to Lat. 36°11'51" N., Long. 113°04'44" W.; thence counterclockwise via the 1.5-nautical mile radius of the Toroweap Overlook (Lat. 36°12'55" N., Long. 113°03'25" W.) to Lat. 36°13'46" N., Long. 113°01'54" W.; thence in an easterly direction along the park boundary to the point of origin; but not including the following airspace designated as the "Tuckup Corridor": at or above 10,500 feet MSL within 2 nautical miles either side of a line extending between Lat. 36°24'42" N., Long. 112°48'47" W. and Lat. 36°14'17" N., Long. 112°48'31" W.

(d) *Sanup Flight-free Zone.* That airspace extending from the surface up to but not including 8,000 feet MSL within an area bounded by a line beginning at Lat. 36°02'38" N., Long. 113°21'11" W.; west to Lat. 36°06'20" N., Long. 113°51'40" W.; southeast to Lat. 36°00'07" N., Long. 113°42'58" W.; southeast to Lat. 35°59'37" N., Long. 113°42'47" W.; to Lat. 35°59'20" N., Long. 113°43'00" W.; to Lat. 35°58'40" N., Long. 113°43'58" W.; southeast to Lat. 35°50'16" N., Long. 113°37'13" W.; thence along the park boundary to the point of origin.

EFFECTIVE DATE NOTE: By Doc. No. 28537, 61 FR 69330, Dec. 31, 1996, § 93.305 was added, effective May 1, 1997. By Amdt. 93-74, 62 FR 8864, Feb. 26, 1997, the effectiveness of § 93.305 was delayed until Jan. 31, 1998. By Amdt. 93-75, 62 FR 66250, Dec. 17, 1997, the effectiveness of § 93.305 was further delayed until Jan. 31, 1999. By Amdt. 93-76, 64 FR 5154, Feb. 3, 1999, the effectiveness of § 93.305 was further delayed until Jan. 31, 2000. By Amdt. 93-79, 65 FR 5397, Feb. 3, 2000, the effectiveness of § 93.305 was further delayed until Jan. 31, 2001. By Amdt. 93-80, 65 FR 17742, Apr. 4, 2000, § 93.305 was made effective Dec. 1, 2000, and amended by revising paragraphs (a), (c), and (d), and the last sentence of paragraph (b) and by adding a new sentence at the end of paragraph (b), effective Dec. 1, 2000. At 65 FR 69847, Nov. 20, 2000, the effectiveness of § 93.305 was delayed until Dec. 28, 2000. At 66 FR 1005, Jan. 4, 2001, the effectiveness of § 93.305 was delayed until Apr. 1, 2001. At 66 FR 16584, Mar. 26, 2001, the effective date was further delayed until Apr. 19, 2001, for § 93.305(c) and (d), and until Dec. 1, 2001, for § 93.305(a) and (b). At 66 FR 63296, Dec. 5, 2001, the effective date for § 93.305(a) and (b), and also for the amendments published on Apr. 4,

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2001, was further delayed until Feb. 20, 2003. For the convenience of the user, the added and revised text follows:

§ 93.305 Flight-free zones and flight corridors.

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(a) Desert View Flight-free Zone. That airspace extending from the surface up to but not including 14,500 feet MSL within an area bounded by a line beginning at Lat. 35°59'58" N., Long. 111°52'47" W.; thence east to Lat. 36°00'00" N., Long. 111°51'04" W.; thence north to 36°00'24" N., Long. 111°51'04" W.; thence east to 36°00'24" N., Long. 111°45'44" W.; thence north along the GCNP boundary to Lat. 36°14'05" N., Long. 111°48'34" W.; thence southwest to Lat. 36°12'06" N., Long. 111°51'14" W.; to the point of origin; but not including the airspace at and above 10,500 feet MSL within 1 nautical mile of the western boundary of the zone. The corridor to the west between the Desert View and Bright Angel Flight-free Zones, is designated the "Zuni Point Corridor." This corridor is 2 nautical miles wide for commercial air tour flights and 4 nautical miles wide for transient and general aviation operations.

(b) \* \* \* This corridor is 2 nautical miles wide for commercial air tour flights and 4 nautical miles wide for transient and general aviation operations. The Bright Angel Flight-free Zone does not include the following airspace designated as the Bright Angel Corridor: That airspace one-half nautical mile on either side of a line extending from Lat. 36°14'57" N., Long. 112°08'45" W. and Lat. 36°15'01" N., Long. 111°55'39" W.

(c) Toroweap/Shinumo Flight-free Zone. That airspace extending from the surface up to but not including 14,500 feet MSL within an area bounded by a line beginning at Lat. 36°05'44" N., Long. 112°19'27" W.; north-northeast to Lat. 36°10'49" N., Long. 112°13'19" W.; to Lat. 36°21'02" N., Long. 112°08'47" W.; thence west and south along the GCNP boundary to Lat. 36°10'58" N., Long. 113°08'35" W.; south to Lat. 36°10'12" N., Long. 113°08'34" W.; thence in an easterly direction along the park boundary to the point of origin; but not including the following airspace designated as the "Tuckup Corridor": at or above 10,500 feet MSL within 2 nautical miles either side of a line extending between Lat. 36°24'42" N., Long. 112°48'47" W. and Lat. 36°14'17" N., Long. 112°48'31" W. The airspace designated as the "Fossil Canyon Corridor" is also excluded from the Toroweap/Shinumo Flight-free Zone at or above 10,500 feet MSL within 2 nautical miles either side of a line extending between Lat. 36°16'26" N., Long. 112°34'35" W. and Lat. 36°22'51" N., Long. 112°18'18" W. The Fossil Canyon Corridor is to be used for transient and general aviation operations only.

(d) Sanup Flight-free Zone. That airspace extending from the surface up to but not including 8,000 feet MSL within an area bounded by a line beginning at Lat. 35°59'32" N., Long. 113°20'28" W.; west to Lat. 36°00'55" N., Long. 113°42'09" W.; southeast to Lat. 35°59'57" N., Long. 113°41'09" W.; to Lat. 35°59'09" N., Long. 113°40'53" W.; to Lat. 35°58'45" N., Long. 113°40'15" W.; to Lat. 35°57'52" N., Long. 113°39'34" W.; to Lat. 35°56'44" N., Long. 113°39'07" W.; to Lat. 35°56'04" N., Long. 113°39'20" W.; to Lat. 35°55'02" N., Long. 113°40'43" W.; to Lat. 35°54'47" N., Long. 113°40'51" W.; southeast to Lat. 35°50'16" N., Long. 113°37'13" W.; thence along the park boundary to the point of origin.

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§ 93.307 Minimum flight altitudes.

Except in an emergency, or if otherwise necessary for safety of flight, or unless otherwise authorized by the Flight Standards District Office for a purpose listed in 93.309, no person may operate an aircraft in the Special Flight Rules Area at an altitude lower than the following:

(a) Minimum sector altitudes—(1) Commercial air tours—(i) Marble Canyon Sector. Lees Ferry to Boundary Ridge: 6,000 feet MSL.

(ii) Supai Sector. Boundary Ridge to Supai Point: 7,500 feet MSL.

(iii) Diamond Creek Sector. Supai Point to Diamond Creek: 6,500 feet MSL.

(iv) Pearce Ferry Sector. Diamond Creek to the Grand Wash Cliffs: 5,000 feet MSL.

(2) Transient and general aviation operations—(i) Marble Canyon Sector. Lees Ferry to Boundary Ridge: 8,000 feet MSL.

(ii) Supai Sector. Boundary Ridge to Supai Point: 10,000 feet MSL.

(iii) Diamond Creek Sector. Supai Point to Diamond Creek: 9,000 feet MSL.

(iv) Pearce Ferry Sector. Diamond Creek to the Grand Wash Cliffs: 8,000 feet MSL.

(b) Minimum corridor altitudes—(1) Commercial air tours—(i) Zuni Point Corridors. 7,500 feet MSL.

(ii) Dragon Corridor. 7,500 feet MSL.

(2) Transient and general aviation operations—(i) Zuni Point Corridor. 10,500 feet MSL.

(ii) Dragon Corridor. 10,500 feet MSL.

(iii) Tuckup Corridor. 10,500 feet MSL.