

APPENDIX A

185th Air Refueling Wing Requirements

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**IOWA AIR NATIONAL GUARD
HEADQUARTERS 185TH AIR REFUELING WING
2920 HEADQUARTERS AVE
SIOUX CITY IOWA 51111-1300**

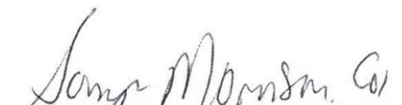
10 Mar 2023

MEMORANDUM FOR AIRPORT BOARD OF TRUSTEES

FROM: 185 ARW WG/CC

SUBJECT: 185 ARW Operational Requirements for Runway 13/31

1. Please let this memorandum serve as a basis for the 185th Air Refueling Wing's operational requirements for runway 13/31 located at Sioux Gateway Airport /Brigadier General Bud Day Field. By achieving the minimum requirements defined below, the 185th ARW will solidify its ability to meet both its State and Federal missions and continue to fly the KC-135R Stratotanker and future Mobility Air Force (MAF) Weapons Systems.
2. 185th ARW Operational Runway Requirements:
 - a. TORA (Take-Off Runway Available) = 10,000ft
 - b. TODA (Take-Off Distance Available) = 10,000ft
 - c. ASDA (Accelerate Stop Distance Available) = 11,000ft (10,000ft + 1,000ft paved overrun in both directions)
 - d. LDA (Landing Distance Available) = 9,000ft
3. Mission requirements for the 185th ARW KC-135R aircraft are a runway with minimum dimensions of 10,000ft (length) x 150ft (width), stressed for 322,500 pounds (twin tandem aircraft configuration) in accordance with ANG Handbook 32-1084, Facility Space Standards.
4. Please feel free to contact me at DSN 312-585-0501, commercial 712-233-0501, or email me at Sonya.morrison@us.af.mil with any questions. Thanks


SONYA L. MORRISON, Col, IA ANG
Commander, 185th Air Refueling Wing

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