

## SECTION 233315 - LOUVERS

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. The requirements of the General Conditions, Special Conditions and Division 23 - Heating, Ventilating & Air Conditioning, apply to all work specified in this section.

#### 1.2 COORDINATION

- A. The louvers of one manufacturer have been used as the basis of design. Any modifications to ductwork or building structure that result from the use of any other manufacturer's louvers shall be coordinated with all trades. Any modifications shall be performed without incurring any additional cost to the Contract.

#### 1.3 ACCEPTABLE MANUFACTURERS

- A. Louvers manufactured by Cescio, Dowco, Carnes or Ruskin will be acceptable.

### PART 2 - PRODUCTS

#### 2.1 FIXED LOUVERS

- A. Fixed louvers shall be 4 inch deep, all-welded construction and fabricated from 0.125 inch thick extruded aluminum alloy 6063-T5. Blades shall be slanted at approximately 45 degrees and shall feature an integral rain water baffle. If required due to blade length, concealed intermediate blade supports shall be provided. Louver frame shall be channel style unless otherwise indicated. Louvers shall be fitted with a 1/2" mesh 16 gauge aluminum bird screen in a detachable aluminum frame.
- B. Finish shall be Duranar Kynar 500 in a color selected by the Architect. The pressure drop and water entrainment performance ratings shall be certified by the manufacturer in accordance with the AMCA Certified Ratings Program and each louver shall bear the AMCA Seal.
- C. Performance ratings shall be as follows:
  - 1. Maximum static pressure drop at 600 FPM velocity through free area - 0.05" wg.
  - 2. Zero water penetration at up to 700 FPM velocity through the free area.
  - 3. Minimum free area in relation to gross overall area - 47%.

Proj. No. 450252  
AASF Hangar Addition #2  
McEntire JNGB  
Eastover, South Carolina

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### PART 3 - EXECUTION

#### 3.1 INSTALLATION

- A. Louvers shall be installed as indicated and in conformance with the manufacturer's recommendations.
  
- B. Field verify the actual dimensions of the openings for louvers and bring any discrepancies from that shown on the drawings to the attention of the Architect prior to ordering the louvers.

END OF SECTION 233315