Aircraft Geometric Height Measurement Element (AGHME) Basic Design

- Passive
- Multilateration
- Receive Mode-s
- Decode and Timestamp Mode-S
- Archive and Disseminate Mode-S
- Post-process ASE at WJH FAA Tech Center
Aircraft Geometric Height Measurement Element (AGHME) Basic Design

- Trailer
- Chiller Rack
- Antenna mast

7’ x 10’ Trailer

4’ H

2’ W
Aircraft Geometric Height Measurement Element (AGHME) Installation

- Atlantic City, NJ (AACY)
- Wichita, KS (AICT)
- Cleveland, OH (ACLE)
- Ottawa (AYOW)
- Lethbridge (AYQL)
- Phoenix, AZ (APHX)
- Portland, OR (APDX)
- Jacksonville, FL (AJAX)

- 2002-2004 Development
- 2017 Time source change
- 2017 Mode-S antenna change
Aircraft Geometric Height Measurement Element (AGHME) Installation

- Atlantic City, NJ (AACY)
- Wichita, KS (AICT)
- Cleveland, OH (ACLE)
- Ottawa (AYOW)
- Lethbridge (AYQL)
- Phoenix, AZ (APHX)
- Portland, OR (APDX)
- Jacksonville, FL (AJAX)

- 2004 Installation
- New node location
Aircraft Geometric Height Measurement Element (AGHME) Installation

- Atlantic City, NJ (AACY)
- Wichita, KS (AICT)
- Cleveland, OH (ACLE)
- Ottawa (AYOW)
- Lethbridge (AYQL)
- Phoenix, AZ (APHX)
- Portland, OR (APDX)
- Jacksonville, FL (AJAX)

- 2005 Installation
- 2016 Decommissioned
Aircraft Geometric Height Measurement Element (AGHME) Installation

- Atlantic City, NJ (AACY)
- Wichita, KS (AICT)
- Cleveland, OH (ACLE)
- Ottawa (AYOW)
- Lethbridge (AYQL)
- Phoenix, AZ (APHX)
- Portland, OR (APDX)
- Jacksonville, FL (AJAX)

- 2006 Installation
Aircraft Geometric Height Measurement Element (AGHME) Installation

- Atlantic City, NJ (AACY)
- Wichita, KS (AICT)
- Cleveland, OH (ACLE)
- Ottawa (AYOW)
- Lethbridge (AYQL)
- Phoenix, AZ (APHX)
- Portland, OR (APDX)
- Jacksonville, FL (AJAX)

- 2006 Installation
Aircraft Geometric Height Measurement Element (AGHME) Installation

- Atlantic City, NJ (AACY)
- Wichita, KS (AICT)
- Cleveland, OH (ACLE)
- Ottawa (AYOW)
- Lethbridge (AYQL)
- Phoenix, AZ (APHX)
- Portland, OR (APDX)
- Jacksonville, FL (AJAX)

- 2009 Installation
- 2017 New node location
- 2017 Mode-S antenna change
Aircraft Geometric Height Measurement Element (AGHME) Installation

- Atlantic City, NJ (AACY)
- Wichita, KS (AICT)
- Cleveland, OH (ACLE)
- Ottawa (AYOW)
- Lethbridge (AYQL)
- Phoenix, AZ (APHX)
- Portland, OR (APDX)
- Jacksonville, FL (AJAX)

- 2013 Installation
Aircraft Geometric Height Measurement Element (AGHME) Installation

- Atlantic City, NJ (AACY)
- Wichita, KS (AICT)
- Cleveland, OH (ACLE)
- Ottawa (AYOW)
- Lethbridge (AYQL)
- Phoenix, AZ (APHX)
- Portland, OR (APDX)
- Jacksonville, FL (AJAX)

- 2018 Planned Installation
Aircraft Geometric Height Measurement Element (AGHME) Installation

- Atlantic City, NJ (AACY)
- Wichita, KS (AICT)
- Cleveland, OH (ACLE)
- Ottawa (AYOW)
- Lethbridge (AYQL)
- Phoenix, AZ (APHX)
- Portland, OR (APDX)
- Jacksonville, FL (AJAX)

- AGHME continuing for 5 years