WORK ROLE: 22AM

WORKROLE TITLE: GEOINT Analyst (Aeronautical Intelligence)

WORKROLE DESCRIPTION:
GEOINT Analysts (Aeronautical Intelligence) exploit worldwide aeronautical data and other sources of intelligence in support of national security goals, concerns, and strategies. They produce oral, written, and graphic intelligence reports. They collaborate with partners and co-producers across the community and ensure that the intelligence information is available in Intelligence Community databases and products. They also ensure the quality, accuracy, and currency of aeronautical information produced in-house, by contractors, and by national and international co-producers.

COMPETENCIES/KNOWLEDGES:

Skills

Adaptability	Analytical Innovation	Courage
Creative Thinking	Customer Service	Data Analysis
Data Entry	Data Management	Engaging and Collaborating
Ethics	Exploring Alternatives	Extraction & Attribution
Geospatial Product Editing	Image Interpretation	Imagery Manipulation
Influencing	Information Dissemination	Initiative
Intel Conclusion Formulation	Interpersonal Skills	Leadership
Learning	Multi-media Communication	Navigation Information Mgmt
Oral Communication	Organizational Representation	Predictive Intel Judgements
Quality Assurance	Research/Information Gathering	Resource Management
Shortfall Identification	Situational Awareness	Synthesis
Written Communication		

Knowledges

AMS database structure	Aero Prods and Procedures	Aero filing rqmts & prcds
Aero info producers	Aero info reference manuals	Aero nav prin and pract
Aeronautical terminology	Airfield design and components	Airspace design and components
Aviation rules and procedures	Customer requirements	GIS concepts & operations
Grids, proj, datum, coord, etc	ISO 9001	Image product library
Imagery collection and tasking	Intel coord practices & prcds	Intelligence issues
NGA mission, vision, etc.	NGA organizational structure	NGA policies & procedures
NOTAM procedures	Release & disclosure policies	Security class and control

EDUCATION/LICENSES/CERTIFICATIONS:
A. Combination of Education and Experience: Bachelor's degree in Aeronautical Science, Computer Science, Military Science, or other areas related to aeronautical navigation and operations. -PLUS- Civilian or military operational flight experience as a pilot, co-pilot, navigator, or instructor with greater than 250 hours of flying time that included a FAA Commercial Pilot rating and Instrument Certification (or military equivalent). -OR- B. Combination of Education and Experience: A minimum of 30 semester (45 quarter) hours of coursework in Aeronautical Science, Computer Science, Military Science, or other areas related to aeronautical navigation and operations. -PLUS- Civilian or military operational flight experience as a pilot, co-pilot, navigator, or instructor with greater than 500 hours of flying time. -OR-4 years of civilian or military air traffic control experience that involved the knowledge and application of procedures and operations. This includes shift or supervisor responsibilities at a station, center, or tower. -OR-4 years of civilian or military experience in the aeronautical field that involved the acquisition, collection, selection, analysis, evaluation, and preparation of reliable aeronautical information used for safety of navigation or related operations, to include publications related to navigation. -OR- C. Experience: A minimum of 6 years of work experience within a NGA analytical occupation that involved the acquisition, collection, analysis and evaluation, extraction and population, and maintenance of NGA Geospatial or Safety of Navigation related databases.

ENVIRONMENTAL/PHYSICAL REQUIREMENTS:

Distinguish principal colors and shades/hues of principal colors
Far visual acuity of 20/60 or better binocular with or without corrective
Near visual acuity of 20/20 or better with or without corrective lenses