

**STANDARDIZED RANKING FACTORS FOR  
AIRWAY TRANSPORTATION SYSTEMS SPECIALIST, GS-2101-11/12/13  
#AF-SRG-006**

There are seven service areas associated with the GS-2101 series)

- Communications
- Automation
- Environmental
- Surveillance
- Navigation
- Weather
- Aeronautical Spectrum

The position announcement shall identify the service areas in which knowledge is required. The service areas will be consistent with areas and related systems as shown in the addendum at the end of these ranking factors. It shall also identify the specific systems for which certification/experience is required.

**FACTOR 1. TRAINING/EDUCATION**

a. Technical knowledge

(1) Base points Base points will be awarded for the successful completion of system theory of operations requirements for the service areas listed in the announcement. These requirements may be satisfied by those sources identified in the latest edition of Order 3400.3. Point values are based on the number of service areas identified in the position announcement for which knowledge is required.

**Example: If the announcement identifies one service area associated with the position and the applicant has satisfied concept requirements in that service area, the applicant will be awarded 12 points. If three service areas are identified, then each service area is worth 4 points. If the applicant has satisfied concept requirements for only two of the three service areas, the applicant will be awarded 8 points. List service areas claimed below.**

SERVICE AREA(S)	# OF SERVICE AREAS IDENTIFIED IN ANNOUNCEMENT
_____	1 Service Area = 12 points per area claimed
_____	2 Service Areas = 6 points per area claimed
_____	3 Service Areas = 4 points per area claimed
_____	4 Service Areas = 3 points per area claimed

Base Points Claimed (Max. 12 points): \_\_\_\_\_

(2) Bonus Points Bonus points will be awarded for the successful completion of system theory of operations requirements for each service area which is not listed as required in the position announcement. One point will be awarded for each service area not required in the position announcement in which theory of operation requirements have been met, with a maximum of five points being awarded. List service areas and system theory of operations requirements claimed below:

Bonus Points (cont'd)

SERVICE AREAS                      SYSTEM THEORY OF OPERATIONS

_____	_____
_____	_____
_____	_____
_____	_____

Bonus Points Claimed (Max 5 points): \_\_\_\_\_

**SUBTOTAL (Max 17 points) \_\_\_\_\_**

b. Correspondence Study Credit will be awarded for FAA technical correspondence study courses or equivalent validation exams successfully completed as follows: List courses claimed below:

COURSE/EXAM NUMBERS                      LENGTH IN HOURS

_____	_____
_____	_____
_____	_____
_____	_____

	<u>Number of Courses</u>	<u>Total</u>
Less than 99 hours in length = 1 point	x    _____	=    _____
100 to 199 hours in length = 2 points	x    _____	=    _____
200 hours and longer in length= 3 points	x    _____	=    _____

Subtotal (Max 5 points)\_\_\_\_\_

c. Training Grades-FAA Academy/CBI Courses Points are awarded as follows for average grades of the five most recent FAA Academy/CBI courses of 20 hours or more in length (average of less than five courses may be used if employee has completed less than five courses). Round off average to the nearest whole number. List courses claimed below:

COURSE NUMBER	GRADE	Range of Average	Point Value
_____	_____	90 - 100	3
_____	_____	80 - 89	2
_____	_____	70 - 79	1
_____	_____	Less than 70	0
_____	_____		

Average Grade of Courses:    \_\_\_\_\_                      Points Claimed:\_\_\_\_\_

Subtotal (Max 3 points)\_\_\_\_\_

d. Bypass Examinations of Academy/CBI Courses Points are awarded for completion of bypasses taken in lieu of FAA Academy/CBI courses of 20 hours or more in length. List bypass exams and their equivalent in lieu of courses in the space provided.

1 point will be awarded for each bypass exam successfully completed.

BYPASS EXAM NUMBER	IN LIEU OF COURSE NUMBER
_____	_____
_____	_____
_____	_____

Total bypass exams successfully completed \_\_\_\_\_

Subtotal (Max 3 points) \_\_\_\_\_

e. FAA Resident Training Points are awarded for the number of weeks of FAA training (either FAA Academy or factory taught) successfully completed which is within the service areas identified in the position announcement. One point will be awarded for every 8 weeks of training completed in the applicable service area, up to a maximum of five points.

Number of weeks applicable training completed \_\_\_\_\_ ÷ 8 = \_\_\_\_\_

Subtotal (Max 5 points) \_\_\_\_\_

f. College/University Education Listing of college or technical institute courses must be submitted with bid. To receive full point credit, 25 percent of semester hours must involve engineering, physical sciences, technology, or mathematics; otherwise, one-half credit is allowed. One year of full-time undergraduate study is defined as 30 semester hours, 45 quarter hours, or the equivalent in a college or university or at least 20 hours of classroom instruction per week for approximately 36 weeks in a technical school. Assign points in only one option below:

Each 15 semester hours (1/2 years) = 1/2 point (Max 4) \_\_\_\_\_

BS degree or higher in engineering, mathematics, or related physical science = 5 points \_\_\_\_\_

Engineering status in Federal service when status was obtained through other than college degree = 4 points \_\_\_\_\_

Subtotal (Max 5 points) \_\_\_\_\_

**FACTOR 1 TOTAL (Max 35 points) \_\_\_\_\_**

FACTOR 2. EXPERIENCE

a. Technical Experience

(1) FAA experience in maintenance or installation on systems identified in the position announcement will be awarded points as follows. A minimum of 2 years experience is awarded full credit. One-half credit is awarded for at least 1 but less than 2 years experience. List systems identified in announcement on which you have experience.

SYSTEMS	NUMBER OF YEARS	# of Systems Identified in Announcement	
_____	_____	1 system	= 20 points per system
_____	_____	2 systems	= 10 points per system
_____	_____	3 systems	= 7 points per system
_____	_____	4 systems	= 5 points per system
(Max 20 points)_____			

(2) Services/systems certification or experience Four points credit will be awarded for possessing current certification, or 1 year of experience within the last 5 years, in any of the seven service areas, up to a maximum of 16 points. Credit may be awarded only once in each service area. Experience in more than one service area can be gained during the 1 year period.

SERVICE AREA	SVC./SYS.	CERT. DATE	DATES OF EXP.
Communications	_____	_____	_____
Automation	_____	_____	_____
Surveillance	_____	_____	_____
Environmental	_____	_____	_____
Navigation	_____	_____	_____
Weather	_____	_____	_____
Aeronautical Spectrum	_____	_____	_____
(Max 16 points)_____			

Subtotal (Max 36 points)\_\_\_\_\_

b. Staff Experience Credit will be awarded for experience in an Airway Facilities Sector (AFS)/Systems Management Office (SMO), such as Technician-in-Depth, Relief Technician, Systems Performance Specialist, Systems Specialist, Staff Engineer/Technician, Proficiency Development Specialist, or Program Support Specialist. List positions held below

POSITION TITLES	DATES OF EXPERIENCE
_____	_____
_____	_____
_____	_____
_____	_____

Each full year of experience = 2 points      Subtotal (Max 10 points)\_\_\_\_\_

c. Background diversity Credit will be awarded for experience as an Academy Instructor, or for staff experience in Washington Headquarters, FAA Tech Center, Regional Office, or F&E. List positions held below:

POSITION TITLES	DATES OF EXPERIENCE
_____	_____
_____	_____
_____	_____
_____	_____

Each full year of experience = 2 points                      Subtotal (Max 6 points)\_\_\_\_\_

**FACTOR 2 TOTAL (Max 50 points)\_\_\_\_\_**

**FACTOR 3. PERFORMANCE AND AWARDS**

Credit will be given for performance ratings and awards earned while in the FAA.

	<u>Per Award</u>
(1) Outstanding performance rating	5 Points _____
(2) Quality Step Increase (QSI)	5 Points _____
(3) Exceptional performance rating	4 Points _____
(4) Superior Achievement Award (SAA)	4 Points _____
(5) Individual Suggestion/On-the-Spot/Time Off Award	3 Points _____
(6) Group Special Achievement Award	2 Points _____
(7) Group Suggestion or Official Commendation	1 Point _____

**FACTOR 3 TOTAL (Max 15 Points)\_\_\_\_\_**

**GS-2101 ATSS SERVICE AREAS/SYSTEMS**

<b>SERVICE AREA</b>	<b>SYSTEM ACRONYM</b>	<b>SYSTEM NAME</b>
<b><u>AUTOMATION</u></b>		
AUTO	ACCC	AREA CONTROL COMPUTER COMPLEX
AUTO	ADAS	AUTOMATED DATA ACQUISITION SYSTEM
AUTO	AFSS	AUTOMATED FLIGHT SERVICE STATION (MODEL 1FC)
AUTO	ARTS	AUTOMATED RADAR TERMINAL SYSTEM
AUTO	ARTSA	AUTOMATED RADAR TERMINAL SYSTEM ASSY
AUTO	ATCC	AIR TRAFFIC CONTROL COMPUTER
AUTO	CCCH	CENTRAL COMPUTER COMPLEX HOST
AUTO	CD	COMMON DIGITIZER
AUTO	CDC	COMPUTER DISPLAY CHANNEL
AUTO	CNS	CONSOLIDATED NOTAM SYSTEM
AUTO	DARC	DIRECT ACCESS RADAR CHANNEL
AUTO	DCC	DISPLAY CHANNEL COMPLEX
AUTO	DOTS	DYNAMIC OCEAN TRACKING SYSTEM
AUTO	DRG	DATA RECEIVER GROUP
AUTO	DTE	DATA TERMINAL EQUIPMENT
AUTO	VSDATA	VISION SYSTEM
AUTO	EARTS	ENROUTE AUTOMATED RADAR TRACKING SYSTEM
AUTO	FDIO	FLIGHT DATA INPUT-OUTPUT SYSTEM
AUTO	FDRS	FLIGHT DATA REMOTING SYSTEM
AUTO	FSDPS	FLIGHT SERVICE DATA PROCESSING SYSTEM
AUTO	ISSS	INITIAL SECTOR SUITE SYSTEM
AUTO	MCC	MAINTENANCE CONTROL CENTER
AUTO	MPS	MAINTENANCE PROCESSOR SYSTEM
AUTO	NADIN	NATIONAL AIRSPACE DATA INTERCHANGE NETWORK
AUTO	OARTS	OCEANIC AIR ROUTE TRACKING SYSTEM
AUTO	ODAPS	OCEANIC DISPLAY AND PLANNING SYSTEM
AUTO	OFDPS	OFFSHORE FLIGHT DATA PROCESSING SYSTEM
AUTO	RBDPE	RADAR BEACON DATA PROCESSOR EQUIPMENT
AUTO	RMCC	REMOTE MONITOR CONTROL CENTER
AUTO	RMCF	REMOTE MONITOR CONTROL FACILITY 2ND GEN
AUTO	RTCCS	REMOTE TOWER COMMUNICATIONS CONTROL SYSTEM
AUTO	SCIP	SURVEILLANCE AND COMMUNICATIONS INTERFACE PROCESSOR
AUTO	SRAP	SENSOR RECEIVER AND PROCESSOR
AUTO	TCCC	TOWER CONTROL COMPUTER COMPLEX
AUTO	TCDD	TERMINAL CONTROL DIGITAL DISPLAY
AUTO	TMCC	TRAFFIC MANAGEMENT COMPUTER COMPLEX

**COMMUNICATIONS**

COMM	AFTN	AERONAUTICAL FIXED TELECOMMUNICATIONS NETWORK
COMM	ARTCC	AIR ROUTE TRAFFIC CONTROL COMMUNICATIONS EQUIPMENT
COMM	ATCT	AIR TRAFFIC CONTROL TOWER COMMUNICATIONS EQUIPMENT
COMM	BUEC	BACK-UP EMERGENCY COMMUNICATIONS SYSTEM
COMM	CML	COMMUNICATIONS MICROWAVE LINK COMM DMUX DATA MULTIPLEXER
COMM	FOTS	FIBER OPTICS TRANSMISSION SYSTEM
COMM	FSS	COMMUNICATIONS EQUIPMENT AT A STANDARD FLT SVC STA
COMM	GATR	GROUND AIR TRANSMITTER/RECEIVER
COMM	ICSS	INTEGRATED COMMUNICATIONS SWITCHING SYSTEM
COMM	IFST	IFSS TRANSMITTER FACILITY
COMM	LCOT	LINK COMMUNICATIONS EQUIPMENT TERMINAL
COMM	LNKR	UHF/VHF LNK REPEATER
COMM	MCR	MULTI-CHANNEL RECORDER
COMM	MDS	MASTER DEMARCATION SYSTEM
COMM	NRCS	NATIONAL RADIO COMMUNICATIONS SYSTEM
COMM	RCAG	REMOTE AIR/GROUND COMMUNICATIONS EQUIPMENT
COMM	RCL	RADIO COMMUNICATIONS LINK
COMM	RCO	REMOTE COMMUNICATIONS OUTLET
COMM	RML	RADAR MICROWAVE LINK
COMM	RTR	REMOTE TRANSMIT/RECEIVE FACILITY
COMM	SACOM	SATELLITE COMMUNICATION NETWORK
COMM	TCS	TOWER COMMUNICATION SYSTEM
COMM	TDDS	TERMINAL DATA DISPLAY SYSTEM
COMM	TDS	TELECOMMUNICATIONS DEMARCATION SYSTEM
COMM	TELMS	TELECOMMUNICATIONS MANAGEMENT SYSTEM
COMM	TRACO	TERMINAL RADAR APPROACH CONTROL COMM EQUIPMENT
COMM	TROPO	TROPOSPHERIC SCATTER STATION
COMM	VSCS	VOICE SWITCHING AND CONTROL SYSTEMS

<b>SERVICE</b>	<b>SYSTEM</b>	
<b>AREA</b>	<b>ACRONYM</b>	<b>SYSTEM NAME</b>

**ENVIRONMENTAL**

ENV	ALS	APPROACH LIGHT SYSTEM
ENV	ALSF	APPROACH LIGHT SYSTEM WITH FLASHERS
ENV	CCMS	CENTRAL CONTROL MONITORING SYSTEM
ENV	ELD	ELECTRICAL DISTRIBUTION SYSTEM
ENV	LDIN	LEAD-IN LIGHTS
ENV	MALS	MEDIUM INTENSITY APPROACH LIGHT SYSTEM
ENV	MALSR	MEDIUM INTENSITY APPROACH LIGHT SYSTEM W/RAIL
ENV	ODALS	OMNIDIRECTIONAL AIRPORT LIGHT SYSTEM
ENV	PAPI	PRECISION APPROACH PATH INDICATOR
ENV	PCS	POWER CONDITIONING SYSTEM 80 KW AND ABOVE (CONT)
ENV	REIL	RUNWAY END IDENTIFIER LIGHTS

<b>SERVICE AREA</b>	<b>SYSTEM ACRONYM</b>	<b>SYSTEM NAME</b>
<b><u>ENVIRONMENTAL Cont.</u></b>		
ENV	SALS	SIMPLIFIED AIRPORT LIGHTING SYSTEM
ENV	SSALR	SIMPLIFIED SHORT APPROACH LIGHT SYSTEM WITH RAIL
ENV	SSALS	SIMPLIFIED SHORT APPROACH LIGHT SYSTEM
ENV	VASI	VISUAL APPROACH SLOPE INDICATOR
ENV	VTROL	ENVIRONMENTAL CONTROL

**NAVIGATION**

NAV	DF	DIRECTION FINDING EQUIPMENT
NAV	DME	DISTANCE MEASURING EQUIPMENT
NAV	DMER	DISTANCE MEASURING EQUIPMENT (TACAN 2ND GEN)
NAV	FM	FAN MARKER
NAV	GPS	GLOBAL POSITIONING SATELLITE SYSTEM
NAV	H	RADIO BEACON
NAV	HH	RADIO BEACON
NAV	ILS	INSTRUMENT LANDING SYSTEM
NAV	LMM	COMPASS LOCATOR AT MIDDLE MARKER
NAV	LOM	COMPASS LOCATOR AT OUTER MARKER
NAV	LRNC	MLONG RANGE NAVIGATION C MONITOR
NAV	MLS	MICROWAVE LANDING SYSTEM
NAV	NDB	NON-DIRECTIONAL BEACON
NAV	TACAN	TACTICAL AIR NAVIGATION
NAV	TACR	TACTICAL AIR NAVIGATION/VOR
NAV	VOR	VHF OMNI-RANGE
NAV	VOT	VHF OMNI-RANGE TEST FACILITY
NAV	WAAS	WIDE AREA AUGMENTATION SYSTEM

**SURVEILLANCE**

SURV	ARSR	AIR ROUTE SURVEILLANCE RADAR
SURV	ASDE	AIRPORT SURFACE DETECTION EQUIPMENT
SURV	ASR	AIRPORT SURVEILLANCE RADAR
SURV	ATCBI	AIR TRAFFIC CONTROL BEACON INTERROGATOR
SURV	ATCRB	AIR TRAFFIC CONTROL RADAR BEACON
SURV	BRITE	BRITE RADAR INDICATOR TERMINAL EQUIPMENT
SURV	GFR	GAP FILLER RADAR
SURV	IFF	GPA-124
SURV	MHFR	MILITARY HEIGHT FINDER RADAR
SURV	MODE S	MODE S DATA LINK
SURV	PAR	PRECISION APPROACH RADAR
SURV	RBDE	RADAR BRITE DISPLAY EQUIPMENT



<b>SERVICE AREA</b>	<b>SYSTEM ACRONYM</b>	<b>SYSTEM NAME</b>
<b><u>WEATHER</u></b>		
WX	ADAS	AWOS DATA ACQUISITION SYSTEM
WX	AMSMA	AVIATION METEOROLOGICAL SYSTEMS AND MISC AIDS
WX	ASI	ALTIMETER SETTING INDICATOR
WX	ASOS	AUTOMATED SURFACE OBSERVING SYSTEM
WX	ATIS	AUTOMATIC TERMINAL INFORMATION SYSTEM
WX	AWANS	AVIATION WEATHER AND NOTAM SYSTEM
WX	AWIS	AUTOMATED WEATHER INFORMATION SYSTEM
WX	AWOS	AUTOMATIC WEATHER OBSERVATION SYSTEM
WX	AWP	AVIATION WEATHER PROCESSOR
WX	CHI	CLOUD HEIGHT INDICATOR
WX	CWP	CENTRAL WEATHER PROCESSOR
WX	GOES	GEOSTATIONAL OPERATIONAL ENVIRONMENTAL SATELLITES
WX	GWDS	GRAPHIC WEATHER DISPLAY SYSTEM
WX	IVRS	INTERIM VOICE RESPONSE SYSTEM
WX	LLWAS	LOW LEVEL WIND SHEAR ALERT SYSTEM
WX	MAPS	METEOROLOGICAL AND AERONAUTICAL PRESENTATION SYS
WX	NXRAD	NEXT GENERATION WEATHER RADAR SYSTEM
WX	OAW	OFF AIRWAY WEATHER STATION
WX	RBC	ROTATING BEAM CEILOMETER
WX	RRH	REMOTE READOUT HYDRO-THERMOMETERS
WX	RRWDI	RADAR REMOTE WEATHER DISPLAY INDICATOR
WX	RRWDS	RADAR REMOTE WEATHER DISPLAY SYSTEM
WX	RVR	RUNWAY VISUAL RANGE
WX	TDWR	TERMINAL DOPPLER WEATHER RADAR
WX	TWEB	TRANSCRIBED WEATHER BROADCAST SYSTEM

### **AERONAUTICAL SPECTRUM**

This service area does not have any specific systems associated with it. It is intended to capture experience in frequency-management type activities, such as spectrum engineering and radio frequency interference investigation and resolution. Experience may be at the national, regional or sector/SMO staff level.

**STANDARDIZED RANKING FACTOR TOTALS FOR  
AIRWAY TRANSPORTATION SYSTEMS SPECIALIST, GS-2101-11/12/13**

**APPLICANT INFORMATION**

NAME : \_\_\_\_\_ SS#: \_\_\_\_\_

**VACANCY ANNOUNCEMENT INFORMATION**

MPP#: \_\_\_\_\_

POSITION TITLE & GRADE: \_\_\_\_\_

**VALIDATION DATA**

Points Claimed

Factor 1 \_\_\_\_\_ (Max - 35)

Factor 2 \_\_\_\_\_ (Max - 50)

Factor 3 \_\_\_\_\_ (Max - 15)

**Total \_\_\_\_\_ (Max - 100)**

I certify, to the best of my knowledge, that the information provided in this document is true and accurate, and understand that a false statement may be grounds for not being hired, or for being fired after beginning work.

\_\_\_\_\_  
Applicant's Signature

\_\_\_\_\_  
Date

**PANEL MEMBERS (if necessary):**

NAME	SIGNATURE	DATE
_____ HRMD Specialist	_____	_____
_____ Airway Facilities SME	_____	_____
_____ Airway Facilities SME	_____	_____