**COREY A. SPRECKER**

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**PROFESSIONAL PROFILE**

* Experienced installation, modification, and troubleshooting of avionics and electrical systems
* Avionics Technician, manager, and trainer with 22+ years of experience
* Maintained aircraft avionics on F-16, F-117, and F-22 aircraft plus LITENING and Sniper Pods
* Excellent written and verbal communication skills
* Operational Testing Experience with Air Force Operational Test and Evaluation Center
* Active Security Clearance

**PROFESSIONAL EXPERIENCE**

* **AIR FORCE OPERATIONAL TEST AND EVALUATION CENTER (AFOTEC)**
* Program Manager | Kirtland Air Force Base, NM | Apr 2016 – present
* Managed operational test and evaluation activities and reporting for 13 defense acquisition programs worth $9.3B
* Directs diverse teams to advise AFOTEC Commander on programmatic, test, & acquisition strategies for Title 10 evaluations
* Coordinates with Office of the Secretary of Defense, Air Force Test and Evaluation, sister-service test authorities, Major Air Force commands, Acquisition Program offices, and test teams to inform congressional reports

**AVIONICS SECTION CHIEF**

* 94th Aircraft Maintenance Unit | Joint Base Langley-Eustis, VA | Apr 2015 – Apr 2016
* Led, trained, mentored & developed the careers of 38 avionics specialists while maintaining 23 F-22s worth $3.3B
* Orchestrated/balanced duty schedules; ensured quality avionics maintenance in support of 2.9K sorties in one year.
* Technical F-22 authority; enforced strict adherence to technical orders/data management processes; advocated safety
* Ensured accuracy of aircraft historical records; oversaw reprogramming of avionics systems as required by mission directives
* Resolved repair issue; found 19 bad fasteners and advocated repair vs. replacement. Saved unit $1.1M
* Supervised 50+ aircraft upgrades; all aircraft finished on time. Led to organization’s 79.6% Mission Capable rate, surpassing the 74% standard.
* Hosted foreign national maintainers, generated 71 sorties, and 95.5 flying hours for first-ever Tri-lateral exercise involving US, French, and UK air forces.
* Spearheaded Foreign Object Damage (FOD) prevention; led daily FOD boss/60+ flightline walks--efforts led to zero FOD related incidents
* Preached adherence to technical data; 89 flight inspections yielded 98% pass rate--maintenance practices key to stellar 0% repeat/recur rate
* Managed section's maintenance; led 24 technicians w/ 13 deployed/500+ maintenance actions--pivotal to 94 AMU's 1.2K+ sorties/1.9K flight hours
* Superb maintenance oversight; 16 aircraft software/hardware modified and upgraded in conjunction with flying ops/upgraded 2 months early--boosted aircraft lethality
* Oversaw 50+ Time Compliance Technical Orders/One Time Inspections; all tasks completed on schedule and ensured pilot safety of flight
* Coordinated with Communication Squadron; ensured secure data equipment keyed/ready--established vital communications reach-back capability
* Provided training to six Apprentice Airmen; accomplished 163 core tasks/4 upgraded to Journeymen--increased section's capabilities by 21%
* Supported Higher Headquarters (HHQ) Operation NOBLE EAGLE; supported 2 sorties/10 flight hours--safeguarded US Eastern Shore, to include the National Capitol Region
* Cub Scout Den leader; setup/coordinated Pack's Bicycle Rodeo event, manned 2 stations--emphasized safety mindset
* Combined 94/27 Aircraft Maintenance Unit’s avionics sections; merged personnel/generated 1.3K missions/2K flight hours--enabled 3 real-world HHQ taskings
* Superb maintenance manager; orchestrated 4 small diameter bomb mods--completed 2 weeks early/led 1st F-22 GBU-39 combat drops

**COMMON AVIONICS FUNCTIONAL MANAGER**

* Headquarters Air Combat Command | Joint Base Langley-Eustis, VA | Sep 2013 – Apr 2015
* Liaised w/ Headquarters Air Force/nine Major Commands/two Air Logistics Centers; translated logistics requirements/needs into combat capabilities
* Command Functional Manager for Integration Friend or Foe, Air Data, Electronic Warfare test sets and portable reprogramming aids worth $127M
* Managed logistics for Combat Air Forces Advanced Targeting Pod fleet; 650 pods valued at $1B across 6 Major Commands
* Established, oversaw and enforced maintenance policy & procedures for common avionics and sensor systems
* Oversaw $66M Electronic Warfare tester digital upgrade; prototype successfully lab tested--assured future of 145 CAF assets
* Developed Advanced Targeting Pod encryption procedures; proofed concept w/existing Maintenance laptop--bridged 2-year cryptological gap
* Averted Information Assurance crisis; facilitated TCTO to update reprogramming software--secured 873 testers/boosted information security
* Scrutinized Advanced Targeting Pod technical data; identified eight Maintenance deficiencies--prevented over-torque damage to $126K resource
* Organized push-up/sit-up fundraiser/volunteered VA Beach Music Festival--raised $5K for booster club activities
* Superior Cub Scout Den Leader; #2 of 122 Packs in popcorn sales--lauded as "Popcorn Kernel"/raised $27K
* Crafted SharePoint for Advanced Targeting Pod delivery/LANTIRN divestiture; increased oversight--93 pods retired/$50M saved
* Awarded Community College of the Air Force Professional Manager Cert; garnered 6 credit hours towards BS in Computer Info Sys--3.5 GPA
* Finished five online/two in-residence DAU courses/138 hours; earned Lifecycle Logistics Level II Certification
* One of three Self Aid Buddy Care instructors; taught five classes/trained 45 in lifesaving methods--raised currency 79.1%
* Pivotal to three retirements--honored 30-year vets; staffed Directorate basketball tournament--A4 lauded "great event"
* Oversaw unit’s security program; 15 personnel in/out processed & four re-investigations--no defects noted on Wing’s inspection
* Key to unit’s success; seamlessly turned over six Advanced Targeting Pod contract's management worth $2.9B to new Functional Manager--promote earliest
* Mitigated Advanced Targeting Pod Information Assurance handling concern; collaborated on two sys security plans--prevented grounding of 680 pods
* Fought obsolescence; lobbied for antiquated pitot-static tester replacement--$8M acquisition contract realized
* Developed Sniper-Sensor Enhancement pod fielding plan; 103 delivered/employed on 145 aircraft
* Facilitated B-1B Sniper-Sensor Enhancement initial operational capability IOC; target ranging up 50%--enabled 187 combat air support sorties/expended 216 guided munitions
* Guided 145 electronic warfare test sets into Integrated Maintenance Data Sys; nine Wing's status visible--assured oversight of $93M inventory
* Air Combat Command Identification, Friend or Foe authority; synced 1.6K test set fielding plan w/2,179 aircraft Mode 5 integration schedule

**PRECISION ATTACK FUNCTIONAL MANAGER**

* Headquarters Air Combat Command | Joint Base Langley-Eustis, VA |Apr 2011 – Sep 2013
* Manages logistics for CAF Advanced Targeting Pod fleet; 650 pods valued at $7B across 6 Major Commands
* Provides CAF functional management to 820 personnel, 59 bases; managed 72 factory maintenance training allocations
* Liaised w/Air Staff, Major Commands & Air Force Life Cycle Management Center experts; translated logistics requirements into combat capabilities
* Establishes, oversees and enforces maintenance policy & procedure for common avionics and sensor systems
* Completed Sniper Multi-band Data Link mod; reallocated 49 upgraded pods--vaulted Air Combat Command's availability 15%
* Resolved Combat Air Force-wide next gen Advanced Targeting Pod transportation issue; validated B-1B pod cradle fix--averted $12K in damage per pod
* Directed 14 LITENING pod Generation 4 upgrades; modernized 17% of fleet--enhanced A-10 target ranging ability 40%
* Scrutinized/endorsed A9's Combat Air Force’s Advanced Targeting Pod requirements analysis; eliminated 198 pod gap--increased requirement to 803/up 33%
* Meals on Wheels volunteer; delivered to 20 disabled/elderly--effort fostered military & civilian relationship
* Cub Scout Den Leader; led Blue & Gold Banquet setup/coordinated Pinewood derby race--role model for eight scouts
* Revamped Advanced Targeting Pod mission capable rate reporting; melded metrics with aircraft ops--slashed 1K yearly man-hours in unwarranted maintenance
* Rectified LITENING pod antenna/munitions clearance issue; authored publication change--avoided damage to 295 pod fleet
* Mastered Accounting II class; earned 3 credit-hours toward BS in Management/Computer Information Systems--maintained 3.7 GPA
* Completed nine Defense Acquisition University courses/81 hours--finished Requirements Management Level-B & Life Cycle Log Level-I Certification
* Coordinated CAF Sniper & LITENING ATP maintenance training; 50 personnel trained--boosted flightline avionics' expertise 6%
* Led B-52 ATP migration; directed $14M/10 pod exchange--Sniper availability up 7%/supported Pacific Air Forces operations
* Consummate Self Aid Buddy Care instructor; trained seven personnel in life saving techniques--readied Airmen for deployment
* Oversaw unit’s security program; initiated 6 reinvestigations, 15% assigned personnel w/zero delays
* Managed Sniper Advanced Targeting Pod program; guided $23M contract award--prevented 1-year maintenance gap and 25% mission capable decline
* Expert Functional Manager; drove 2012 LITENING pod fleet to 94% mission capable rate—Combat Air Force's highest annual rate in 5 years
* Steered contract delivery of 50 LITENING Generation 4 Advanced Targeting Pods; catapulted next gen pod availability by 160%
* Mitigated LITENING pod 3-month contract gap; diverted 20 assets--sustained combat units’ 96% Mission Capable w/no contractor support
* Led first-ever Advanced Targeting Pod Sensor Enhanced site activation; system target resolution up 50%--readied pod and B-1Bs for combat sorties
* Coordinated Sniper deliveries; acquired 375 pods worth $850M--five platforms/30 wings armed w/latest tech
* Corrected pod latch time compliance technical order & oversaw execution; identified/replaced 44 faulty latches--averted aircraft dropped objects
* Assisted LITENING sensor technology upgrade; 12 of 32 assemblies completed--boosted resolution by 45%
* Helped devise & execute Air Force Central Command Sniper refresh plan; reduced combat Air Force’s fleet age 40%, boosted reliability 33%
* Reacted to new encryption requirement; coordinated procedures with test organizations--facilitated delivery of 135 Advanced Targeting Pods
* Supported ALPHA 4 booster club; aided security at Virginia Destroyers game--raised $1.4K for morale events
* Cub Scout role model; chaperoned 20 students to Air & Space Museum camping trip--inspired science interest
* Identified flawed Advanced Targeting Pod support equipment accounting; gained control of $750K in assets
* Discovered 4 faulty test Advanced Targeting Pods; expedited factory repair and maintained test schedule--delivered software on time
* Controlled Advanced Targeting Pod factory Maintenance training allocations; 35 Combat Air Forces personnel trained--raised Craftsman-level qualifications 16%
* Instructed two Self Aid Buddy Care classes; improved odds of survival--prepared individuals for combat ops
* Attended inaugural A4 Action Officer training; employed new skills during execution of functional manager duties
* Helped oversee contract Maintenance on pods employed in combat--key to Sniper's 80K & LITENING's 45K flight hours supporting combat operations
* Executed first Pacific Air Forces Advanced Targeting Pod multi-band transmitter deployment; enhanced communications 300%--increased system’s lethality
* Implemented Advanced Targeting Pod field retrofit plan; aligned w/maintenance training; 83/131 complete...saved $162K in program costs
* Coordinated LITENING optics get-well plan; recovered pod fleet health in 4 months
* Helped guide deployment of LITENING Generation 4 pods--enhanced Improvised Explosive Device detection for 4.5K+ Operation Enduring Freedom flight hours
* Assisted in managing $60M Advanced Targeting Pod program; executed 196 pod moves--key to outstanding 98% Fully Mission Capable rate
* Engineered Advanced Targeting Pod maintenance database/expanded visibility; beat 90% Mission Capable goal for 5 consecutive months--best in 4 years!
* Balanced Advanced Targeting Pod support equipment; prioritized program allocations--dispersed 54 new items worth $500K
* Hurricane clean-up team member; devoted 5 days to debris removal--returned base to normal operations in 24 hours
* Supported unit’s booster club; gave 6+ hours to music fest--fueled morale for 350 member directorate & raised $3K
* Identified/fixed Advanced Targeting Pod support equipment shortage; directed four items to units in need-raised maintenance capability 12%
* Completed Centralized Asset Management class--new skill ensured validation of $80M Avionics/ Advanced Targeting Pod budget
* Attended factory Advanced Targeting Pod maintenance courses; increased program knowledge--ready to assume control of precision attack
* Led LITENING Technical Order revision/validation; standardized maintenance process--trimmed pod inspection time by 30 min for 258 pods
* Orchestrated contract maintenance on combat pods--key to Sniper's 80K & LITENING's 45K flying hours supporting combat operations
* Engaged Sniper Program Management Office; $23M contracted logistics support contract awarded just in time; avoided 1-year repair gap
* Devised Sniper fielding plan for combat operations/led execution; reduced fleet age 40%--raised reliability by 33%
* Expertly controlled $60M Advanced Targeting Pod program; directed 196 pod moves--outstanding 98% Fully Mission Capable rate for 83 pods
* Flexible leader; diverted 19 Sniper pods to support Operation ODYSSEY DAWN; key to 462 combat sorties

**SPECIALIST SECTION CHIEF**

* 525th Aircraft Maintenance Unit | Joint Base Elmendorf-Richardson, AK | Mar 2008 – Apr 2011
* Directly supervised three personnel; led, educated, and developed 34 avionics specialists supporting 20 F-22 aircraft
* Augmented flying hour program with manning to perform integrated avionics, electrical and environmental system maintenance
* Executed section's generation, mobility and employment plans to support sustained combat flying operations
* Evaluated deficiency reports, quality assurance and other maintenance management reports to determine and initiate corrective actions
* Impound Official on 4 aircraft; coordinated maintenance across 3 Air Force Specialty Codes--aircraft Fully Mission Capable 5 days early & fleet Mission Capable rate up 16% to 91%
* Selected as Report of Survey Official; in-depth inquiry pinpointed deficient records--cleared 3 computers and recouped $12K
* Led 2A3 deployment prep/24 maintainers; 12 aircraft & Maintenance in place on time--sustained Korean peninsula security
* Led problematic Flight Control System recurring issue; troubleshot to faulty wire splice--uncovered Air Force-wide problem
* Ramrodded Cabin Pressure Test bypass valve Time Compliance Technical Order; parts ordered/validated and verified in 3 weeks--ended 48-hour panel restoration requirement
* Direct liaison to Communication, Navigation, Identification field team; detected/replaced 1st ever faulty fill cable--fixed 1 year failure/identified Air Force-wide issue
* Strictly enforced section maintenance practices; 12 months/144 inspections/99% pass rate--annihilated PACAF’s 80% standard
* Corrected Data Integrity Team training oversight; drafted continuity book modeled by 4 sections--cut error rate from 5% to 1%
* Overcame shortage; supported 4 field teams/4 TDYs/3 AMU moves at 75% manned--met 3.3K flight hour program
* Halted End of Course testing stagnation; devised study plan/prepped 3 Airmen for exam/average score 82%--averted certain overdues
* Guided 34 maintainers through 230+ training actions; zero overdue training for section--upgraded 12 personnel
* Tragedy to triumph after C-17 incident; organized F-22A static display for 2010 Airshow--175K spectator event
* Rose above deployed weather conditions; facilitated 5K+ maintenance actions--garnered 36 WG’s Section of the Month
* Resurrected banner shoot after 2 year hiatus; coordinated recovery/deployment--28 sorties which was a Joint Base Elmendorf-Richardson F-22A-first
* Aided Combat Alert Cell F-22 transition plan; developed avionics maintenance crew size/equipment requirements
* Facilitated covert movement; directed comm-out launch and 3 maintenance fixes for Fairford Air Tattoo; Another F-22A-first
* Instituted AMU’s Unit Compliance Inspection prep plan; fixed PACAF Staff Assistance Visit findings in 1 day--garnered 3rd Aircraft Maintenance Unit’s "Excellent" rating
* Guided crucial OTI on multifunction valve--keyed 3 AMXS to '09 PACAF Maintenance Effectiveness Award—promote
* Outstanding mentor; catalyst to 3 WG earning $1M Commander in Chief's '10 Installation Excellence Award
* Identified hidden damage to wire harness; drove RST Message 09-076/OTI--secured 3 WG PACAF Collier Trophy
* Stellar leadership key to 3 MXG winning '09 Clements McMullen Daedalian Maintenance Trophy

**EDUCATION**

* **Community College of the Air Force, Montgomery, Alabama**
* Associate Degree in Avionic Systems Technology, 5/2004
* GPA: 4.0/4.0
* **Defense Acquisition University (DAU), Fort Belvoir, Virginia**
* 15 months of Test and Evaluation Engineering Experience, Level I Certified by DAU, 4/2017
* 48 months of Life Cycle Logistics experience, Level II Certified by DAU, 2/2014
* **Community College of the Air Force, Montgomery, Alabama**
* United States Air Force Senior Non-Commissioned Officer Academy, 9/2011
* Non-Commissioned Officer Academy, 12/2005
* Airman Leadership School, 3/2000
* **Park University, Parkville, Missouri**
* Bachelor of Science in Business Administration/Computer Information Systems
  + - * **Kansas State University, Manhattan, Kansas**
      * Bachelor of Science in Electrical Engineering
      * Bachelor of Science in Computer Science

**ADDITIONAL SKILLS**

* Active Security Clearance 12/2015
* Proficient in Microsoft Office and Project
* Familiar with Windows and Linux
* Certified CPR and First Aid

**AWARDS AND HONORS**

* Meritorious Service Medal
* Air Force Commendation Medal
* Air Force Achievement Medal