

3000 SERIES AIR TRAFFIC MANAGEMENT (ATM) REGULATORY ARTICLES (RA)

1. The ATM series of RA support the provision of Air Traffic Management and Aerodrome design and safeguarding. The series is split into 5 sub-sets:
 - a. The 3000 series covers the responsibilities of Defence Contractor Flying Organizations.
 - b. The 3100 series covers the ATM Approved Organization Scheme (AAOS) and ATM Equipment Regulations.
 - c. The 3200 and 3300 series cover the provision of ATM related services.
 - d. The 3500 series covers Aerodrome design and safeguarding.
2. The RA above are supported by 2 Manuals:
 - a. Manual of Military Air Traffic Management.
 - b. Manual of Military Air Traffic Management Equipment Assurance.
3. The 3000 Series (ATM) RA are owned by Director MAA. Table 1 below shows the current RA, along with the associated sub-Regulation titles.
4. Table 2 below shows withdrawn RAs, along with the associated sub-Regulation numbers and reasons for withdrawal. The withdrawal references provided were correct at the time of withdrawal but, it is incumbent on the user to check that they remain valid prior to use.

Table 1: 3000 Series (ATM) Regulatory Articles

RA NUMBER	RA DESCRIPTION	SUB RA
RA 3049	Defence Contractor Flying Organization responsibilities for UK Military Air System Operating Locations	3049(1): Defence Contractor Flying Organization Operating Location Requirement
		3049(2): Defence Contractor Flying Organization Operating Location Support Services
RA 3100	Air Traffic Management Equipment Approved Organization Scheme	3100(1): Air Traffic Management Equipment Approved Organization Scheme Application and Approval
		3100(2): Air Traffic Management Equipment Approved Organization Scheme Approval Changes
		3100(3): Air Traffic Management Equipment Organization Exposition
		3100(4): Air Traffic Management Equipment Approved Organization Scheme MAA Regulatory Publications Applicability
		3100(5): Contracted / Subcontracted Activities
RA 3102	Air Traffic Management Equipment Approved Organization Scheme Accountable Manager	3102(1): Roles and Responsibilities of the Air Traffic Management Equipment Approved Organization Scheme Accountable Manager
RA 3104	Air Traffic Management Equipment Approved Organization Scheme – Maintenance Records	3104(1): Recording of Maintenance Work
		3104(2): Retention of Maintenance Records
RA 3105	Air Traffic Management Equipment Approved Organization Scheme – Maintenance Documentation	3105(1): Approved, Current and Applicable Technical Information
		3105(2): Withdrawn – Incorporated into RA 3105(1)
		3105(3): Withdrawn – Incorporated into RA 3105(7)

RA NUMBER	RA DESCRIPTION	SUB RA
		3105(4): Withdrawn – Incorporated into RA 3105(8) 3105(5): Withdrawn – Incorporated into RA 3105(1) 3105(6): Withdrawn – Incorporated into RA 3105(1) 3105(7): Amendments to Technical Information 3105(8): Maintenance Documentation
RA 3106	Air Traffic Management Equipment Approved Organization Scheme – Maintenance Practices	3106(1): Air Traffic Management Equipment Approved Organization Scheme Maintenance Practices
RA 3107	Air Traffic Management Equipment Approved Organization Scheme – Equipment, Tools and Material	3107(1): Equipment, Tools and Material 3107(2): Control of Equipment, Tools and Material
RA 3108	Air Traffic Management Equipment Approved Organization Scheme – Occurrence Reporting	3108(1): Unsafe Condition Reporting 3108(2): Internal Occurrence Reporting 3108(3): MOD Sponsored Reporting Action
RA 3120	Air Traffic Management Equipment Standards	3120(1): Air Traffic Management Equipment Standards
RA 3130	Air Traffic Management (ATM) Equipment Safety Management	3130(1): Project/Delivery Team Leader (PTL/DTL) Responsibilities 3130(2): User/Operator Responsibilities 3130(3): Legislation Compliance 3130(4): Configuration Management 3130(5): Safety Documentation Retention 3130(6): Independent Safety Auditor (ISA) 3130(7): ATM Equipment Risk Classification 3130(8): ATM Equipment Risk Management
RA 3132	Air Traffic Management Equipment Safety Cases	3132(1): Air Traffic Management Equipment Safety Cases 3132(2): Responsibilities of Duty Holder-Facing Organizations 3132(3): Air Traffic Management Equipment Safety Case Management Process 3132(4): Air Traffic Management Equipment Safety Case Amendments 3132(5): Air Traffic Management Equipment Safety Case Reports

RA NUMBER	RA DESCRIPTION	SUB RA
		3132(6): Air Traffic Management Equipment Safety Case Independent Assessment
		3132(7): Specific Site / Operating Area Safety
RA 3134	Air Traffic Management Equipment Release into Service Process	3134(1): Air Traffic Management Equipment Release into Service Process
		3134(2): Release into Service Strategy
		3134(3): Release into Service Exposition
		3134(4): Withdrawn - Incorporated into RA 3134(3)
		3134(5): Air Traffic Management Equipment Acceptance Board
		3134(6): Site Specific Acceptance and Commissioning Board
		3134(7): Release into Service Process Audit Trail
RA 3136	Air Traffic Management Equipment Technical Safeguarding	3136(1): Head of Establishment / Duty Holder-Facing Organizations' Responsibilities
		3136(2): Ministry of Defence Radio Site Protection Programme Manager Responsibilities
		3136(3): Air Traffic Management Equipment Engineering Authority Responsibilities
		3136(4): Headquarters Responsibilities
		3136(5): Aviation Duty Holder Responsibilities – Operating within an infringed Air Traffic Management Equipment environment
RA 3140	Air Traffic Management (ATM) Equipment End to End Safety	3140(1): Interfaces
		3140(2): Justification of ATM Equipment Safety Case (SC) Assumptions
		3140(3): Front Line Command Formal Agreements
RA 3201	Military Air Traffic Management	3201(1): Military Air Traffic Management
RA 3202	Entitlement to provide Air Traffic Services, an Air Ground Communication Service (Military) or use Air Ground Radios and Air Traffic Management Equipment	3202(1): Qualifications and Entitlement to provide Air Traffic Services
		3202(2): Controller Training
		3202(3): Controller Periodicity of Assessment of Competence
		3202(4): Controller Currency
		3202(5): Qualifications, Training, Competence and Currency to provide an Air Ground Communication Service (Military)
		3202(6): Training and Competence to transmit to Aircraft on Air Ground Radios
		3202(7): Use of Air Traffic Management Equipment and Data
RA 3203		3203(1): Controller Medical Certificate

RA NUMBER	RA DESCRIPTION	SUB RA
	Military and MOD Contracted Civilian Controller Medical Requirements	3203(2): Controller Fitness-to-Control
		3203(3): Controller Operations – Upper Age Restrictions
		3203(4): Temporary Medical Restrictions to Controlling Duties
		3203(5): Blood Donation and Controlling Duties
RA 3204	Air Traffic Management Records	3204(1): Air Traffic Management Records
RA 3205	Radar Analysis Cell	3205(1): Radar Analysis Cell
RA 3206	Air Traffic Management Equipment Checks	3206(1): Air Traffic Management Equipment Checks
RA 3207	Controller Fatigue Management	3207(1): Controller Fatigue Management
RA 3208	Use of Unassured Aircraft Surveillance Data by Controllers	3208(1): Use of Unassured Aircraft Surveillance Data
		3208(2): User Training
RA 3221	Enhanced Air Traffic Services Units	3221(1): Enhanced Air Traffic Services Units
RA 3222	Autonomous Radar Units	3222(1): Autonomous Radar Units
RA 3223	Provision of Air Traffic Service Inside Controlled Airspace	3223(1): Provision of Air Traffic Service Inside Controlled Airspace
RA 3224	UK Flight Information Services (FIS)	3224(1): UK Flight Information Services (FIS)
RA 3225	Mandatory Air Traffic Control Instructions	3225(1): Mandatory Air Traffic Control Instructions
RA 3226	Secondary Surveillance Radar (SSR)	3226(1): Validation of Mode 3/A Codes
		3226(2): Verification of Mode C Data
		3226(3): Level Occupancy using Secondary Surveillance Radar
RA 3227	Methods of Identification	3227(1): Methods of Identification
RA 3228	Separation Standards	3228(1): Separation Requirements
		3228(2): Separation Standards – Lateral
		3228(3): Separation Standards – Vertical
		3228(4): Separation Standards for Aircraft Operating in Controlled Airspace
		3228(5): Vertical Separation Standards For Typhoon
		3228(6): Separation Standards for Radar to Visual Recoveries
RA 3229	Traffic Information between Air Traffic Service (ATS) Providers	3229(1): Traffic Information between ATS Providers

RA NUMBER	RA DESCRIPTION	SUB RA
RA 3230	Traffic Coordination	3230(1): Traffic Coordination
		3230(2): Approved Methods of Coordination
RA 3231	Air Traffic Control Unit Terrain Safe Level and Terrain Clearance	3231(1): Air Traffic Control Unit Terrain Safe Level
		3231(2): Controllers' Responsibility for Terrain Clearance
RA 3232	Provision of Vectors to Aircraft conducting Radar to Visual Recoveries or Short Pattern Circuits below the Air Traffic Control Unit Terrain Safe Level	3232(1): Provision of Vectors to Aircraft conducting Radar to Visual Recoveries or Short Pattern Circuits below the Air Traffic Control Unit Terrain Safe Level
RA 3233	Conduct of Radar Handovers	3233(1): Conduct of Radar Handovers
RA 3234	Air System Formations	3234(1): Air System Formations
RA 3235	Airborne Collision Avoidance Systems and Terrain Awareness and Warning Systems - Controller Responsibilities	3235(1): ACAS – Controller Responsibilities
		3235(2): Terrain Awareness and Warning Systems – Controller Responsibilities
RA 3236	Clutter on Situational Displays	3236(1): Clutter on Situational Displays
RA 3237	Royal Low Level Corridors	3237(1): Royal Low Level Corridors
RA 3239	Aircraft Conducting Transits to / from Ships and Aerodromes	3239(1): Departure Messages
		3239(2): Operating Requirements
RA 3240	Contingency Operations for Simultaneous Failure of Surveillance Radars and / or Air Traffic Management Communication Systems	3240(1): Surveillance Radar and Air Traffic Management Communications Contingency Operations
		3240(2): Withdrawn – Detail in RA 1020
RA 3241	Secondary Surveillance Radar Alone Operations	3241(1): Secondary Surveillance Radar Alone Operations
		3241(2): Secondary Surveillance Radar Alone Contingency Operations
		3241(3): Withdrawn – Detail in RA 1020
RA 3261	Aerodrome Service	3261(1): Aerodrome Service
		3261(2): Aerodrome Emergency Services
		3261(3): Aerodrome Service in Class D Airspace
RA 3262	Aerodrome Access	3262(1): Aerodrome Access
RA 3263	Aerodrome Classification	3263(1): Aerodrome Classification
RA 3264	Aerodrome Inspections	3264(1): Aerodrome Inspections

RA NUMBER	RA DESCRIPTION	SUB RA
RA 3265	Aerodrome Lighting Operating Requirements	3265(1): Aerodrome Lighting Operating Requirements
		3265(2): Night Vision Devices Operating Requirements
RA 3266	Aerodrome Maintenance	3266(1): Aerodrome Maintenance
		3266(2): Work In Progress Map
RA 3267	Aerodrome Vehicle Marking and Lighting Requirements	3267(1): Aerodrome Vehicle Marking and Lighting Requirements
RA 3268	Aircraft Arresting Systems	3268(1): Aircraft Arresting Systems
		3268(2): Aircraft Arresting Systems - Barriers – Controller Responsibilities
		3268(3): Aircraft Arresting Systems - Cables – Controller Responsibilities
RA 3269	Use of Pyrotechnics, Firearms and Lasers to Support Aerodrome Operations	3269(1): Use of Pyrotechnics, Firearms and Lasers to Support Aerodrome Operations
RA 3270	Aerodrome Wildlife Control	3270(1): Aerodrome Wildlife Control
RA 3272	Evaluation of Runway Surface Conditions	3272(1): Continuous Friction Measuring Equipment
		3272(2): Reporting of Runway Surface Conditions
RA 3273	Aerodrome Traffic Monitor	3273(1): Aerodrome Traffic Monitor
RA 3274	Low Visibility Procedures	3274(1): Low Visibility Procedures
RA 3275	Runway Visual Range (RVR)	3275(1): Provision of RVR/Instrumented RVR (IRVR)
		3275(2): Provision of Human Observed RVR
RA 3277	Wake Turbulence	3277(1): Wake Turbulence
RA 3278	Snow and Ice Operations	3278(1): Snow and Ice Operations
		3278(2): Withdrawn – Incorporated into RA 3278(1)
RA 3279	Aircraft Last Look Checks	3279(1): Requirement for Aircraft Last Look Checks
		3279(2): Establishment of Aircraft Last Look Checks
		3279(3): Provision of Aircraft Last Look Checks
		3279(4): Equipment and Operating Requirements – Truck Runway Control
		3279(5): Equipment and Operating Requirements – Digital Aircraft Last Look Checks
RA 3291	Precision Approach Radar	3291(1): Precision Approach Radar
		3291(2): Precision Approach Radar for Civil Pilots

RA NUMBER	RA DESCRIPTION	SUB RA
RA 3292	Instrument Landing Systems (ILS) Monitoring	3292(1): ILS Monitoring
RA 3293	Surveillance Radar Approach	3293(1): Surveillance Radar Approach
RA 3295	Required Navigation Performance Approach – Controller Responsibilities	3295(1): Required Navigation Performance Approach - Controller Responsibilities
RA 3301	Meteorological (Met) Information	3301(1): Met Information
		3301(2): Met Information Requirements
RA 3302	Altimeter Settings	3302(1): Altimeter Settings
RA 3311	Aircraft Emergency and Crash Procedures	3311(1): Aircraft Emergency and Crash Procedures
RA 3312	Overdue Action by Air Traffic Control	3312(1): Overdue Action by Air Traffic Control
RA 3313	Air System Diversions	3313(1): Air System Diversions
RA 3500	Aerodrome Design and Safeguarding	3500(1): Aerodrome Design and Safeguarding
RA 3510	Permanent Fixed Wing Aerodrome - Reference Information	3510(1): Common Reference System
		3510(2): Reference Codes
		3510(3): Aerodrome Data
RA 3511	Permanent Fixed Wing Aerodrome - Physical Characteristics	3511(1): Pavement - Characteristics
		3511(2): Runway - Number, Siting and Orientation
		3511(3): Runway - Dimensions
		3511(4): Runway - Characteristics
		3511(5): Runway - Runway-End Safety Areas
		3511(6): Taxiway - Characteristics
		3511(7): Aprons
RA 3512	Permanent Fixed Wing Aerodrome - Obstacle Environment	3512(1): Obstacle Limitation Surfaces
		3512(2): Obstacle Free Zones
		3512(3): Obstacle Limitation Surfaces Requirements - Non-Instrument Runways
		3512(4): Obstacle Limitation Surfaces Requirements - Non-Precision Approach Runways
		3512(5): Obstacle Limitation Surfaces Requirements - Precision Approach (Cat I) Runways
		3512(6): Obstacle Limitation Surfaces Requirements - Precision Approach (Cat II/III) Runways
		3512(7): Runways Meant For Take-Off
		3512(8): Objects Outside the Obstacle Limitation Surfaces

RA NUMBER	RA DESCRIPTION	SUB RA
RA 3513	Permanent Fixed Wing Aerodrome - Indicators and Signalling Devices	3513(1): Wind Direction Indicator
		3513(2): Landing Direction Indicator
		3513(3): Aerodrome Identification
		3513(4): Signalling Lamp
RA 3514	Permanent Fixed Wing Aerodrome - Markings	3514(1): General Markings
		3514(2): Runway Markings
		3514(3): Aiming Point and Touchdown Zone Markings
		3514(4): Taxiway Markings
		3514(5): Vehicle Roadway Markings
		3514(6): Air System Stand Markings
		3514(7): Arrestor System Markings
		3514(8): Mandatory Instruction Markings
		3514(9): Information Markings
RA 3515	Permanent Fixed Wing Aerodrome - Lighting	3515(1): Lighting - Scaling
		3515(2): Lighting - Dangerous or Confusing Lights
		3515(3): Approach Lighting - Obstacle Profile
		3515(4): Aeronautical Beacons - Identification Beacons
		3515(5): Approach Lighting - Simple Approach Lighting System
		3515(6): Approach Lighting - High Intensity Centre-Line and Crossbar Approach System
		3515(7): Approach Lighting - Supplementary Approach Lighting
		3515(8): Approach Lighting - Precision Approach Path Indicator
		3515(9): Runway Lights - Runway Edge Lights
		3515(10): Runway Lights - Runway Threshold Lights
		3515(11): Runway Lights - Runway Threshold Wing Bar Lights
		3515(12): Runway Lights - Runway End Lights
		3515(13): Runway Lights - Runway Centre-Line Lights
		3515(14): Runway Lights - Runway Touchdown Zone Lights
		3515(15): Runway Lights - Stopway Lights
		3515(16): Taxiway Lights - Taxiway Centre-Line Lights
		3515(17): Taxiway Lights - Taxiway Edge Lights
		3515(18): Taxiway Lights - Stop Bar Lights
		3515(19): Taxiway Lights - Runway Guard Lights
		3515(20): Taxiway Lights - Road-Holding Position Lights

RA NUMBER	RA DESCRIPTION	SUB RA
		3515(21): Apron Lights - Edge Lighting 3515(22): Apron Lights - Floodlighting 3515(23): Miscellaneous Lights - Undercarriage Inspection Systems 3515(24): Miscellaneous Lights - Arrestor Cable Systems and Illuminated Runway Distance to go Markers 3515(25): Miscellaneous Lights - Visual Docking Guidance System 3515(26): Miscellaneous Lights - Advanced Visual Docking Guidance System 3515(27): Miscellaneous Lights - Emergency Portable Lighting 3515(28): Aeronautical Ground Lights Characteristics - Construction 3515(29): Aeronautical Ground Lights Characteristics - Intensity and Distribution 3515(30): Aeronautical Ground Lights Characteristics - Colour and Discrimination
RA 3516	Permanent Fixed Wing Aerodrome - Signs	3516(1): General 3516(2): Mandatory Instruction Signs 3516(3): Information Signs 3516(4): Aerodrome Access Boards
RA 3517	Permanent Fixed Wing Aerodrome - Markers	3517(1): General 3517(2): Unpaved Runway Edge Markers 3517(3): Stopway Edge Markers 3517(4): Edge Markers for Snow-Covered Runways 3517(5): Paved Taxiway Edge Markers 3517(6): Taxiway Centre-Line Markers 3517(7): Unpaved Taxiway Edge Markers 3517(8): Boundary Markers 3517(9): Arrestor System Markers 3517(10): Distance To Go Markers
RA 3518	Permanent Fixed Wing Aerodrome - Visual Aids for Denoting Obstacles	3518(1): Objects Within the Obstacle Limitation Surfaces 3518(2): Objects Outside the Obstacle Limitation Surfaces 3518(3): Marking of Objects - General 3518(4): Marking of Objects - Use of Colour 3518(5): Marking of Objects - Use of Markers and Flags 3518(6): Marking of Objects - Mobile Objects

RA NUMBER	RA DESCRIPTION	SUB RA
		3518(7): Lighting of Objects - General 3518(8): Lighting of Objects - Location and Number of Lights 3518(9): Lighting of Wind Turbines 3518(10): Lighting of Overhead Wires, Cables and Supporting Towers 3518(11): Lighting of Mobile Objects 3518(12): Lighting of Air System Arresting Barriers
RA 3519	Permanent Fixed Wing Aerodrome - Visual Aids for Denoting Restricted Use Areas	3519(1): Closed Runways and Taxiways 3519(2): Hazardous Areas 3519(3): Unserviceable Areas
RA 3520	Permanent Fixed Wing Aerodrome - Aerodrome Electrical Systems	3520(1): Aerodrome Electrical System Design 3520(2): Interleaving Aerodrome Ground Lighting 3520(3): Truck Runway Control Electrical Services
RA 3521	Permanent Fixed Wing Aerodrome - Facilities	3521(1): Air System Arresting Systems 3521(2): Runway Visual Range Systems 3521(3): Compass Calibration Bases - Classes 3521(4): Compass Calibration Bases - Construction 3521(5): De-icing / Anti-icing
RA 3522	RA 3522 – Permanent Fixed Wing Aerodrome – Vertical Landing Pads	3522(1): Physical Characteristics 3522(2): Obstacle Environment 3522(3): Markings 3522(4): Lighting 3522(5): Signs
RA 3530	Helicopter Landing Site - Reference Information	3530(1): Helicopter Landing Sites Regulatory Framework 3530(2): Permanent Helicopter Landing Sites - Common Reference System 3530(3): Permanent Helicopter Landing Sites - Helicopter Performance Class 3530(4): Permanent Helicopter Landing Sites - Aeronautical Data
RA 3531	Helicopter Landing Site - Physical Characteristics	3531(1): Permanent Helicopter Landing Site - Final Approach and Take Off area 3531(2): Permanent Helicopter Landing Site - Clearway 3531(3): Permanent Helicopter Landing Site - Touchdown and Lift Off area 3531(4): Permanent Helicopter Landing Site - Safety Area 3531(5): Permanent Helicopter Landing Site - Ground Taxiway

RA NUMBER	RA DESCRIPTION	SUB RA
		3531(6): Permanent Helicopter Landing Site - Air Taxiway 3531(7): Permanent Helicopter Landing Site - Air Transit Route - Design 3531(8): Permanent Helicopter Landing Site - Apron 3531(9): ► Withdrawn – Incorporated into RA 3536(1): Domestic Helicopter Landing Sites – General Requirements ◀
RA 3532	Helicopter Landing Site - Obstacle Environment	3532(1): Permanent Helicopter Landing Sites - Obstacle Limitation Surfaces (General) 3532(2): Permanent Helicopter Landing Sites - Obstacle Limitation Surfaces for Non-Instrument Approach 3532(3): Permanent Helicopter Landing Sites - Obstacle Limitation Surfaces for Precision or Non-Precision Approach 3532(4): Permanent Helicopter Landing Sites - Obstacle Limitation Surfaces for Visual Approach Slope Indicator 3532(5): ► Withdrawn – Incorporated into RA 3536(1): Domestic Helicopter Landing Sites – General Requirements ◀ 3532(6): ► Withdrawn – Incorporated into RA 3536(1): Domestic Helicopter Landing Sites – General Requirements ◀
RA 3533	Helicopter Landing Site - Indicators and Signalling Devices	3533(1): Helicopter Landing Sites - Wind Direction Indicator 3533(2): Permanent Helicopter Landing Sites - Aerodrome Identification
RA 3534	Helicopter Landing Site - Markings	3534(1): Helicopter Landing Site Identification Markings 3534(2): Permanent Helicopter Landing Site - Final Approach and Take Off Dimensions and Markings 3534(3): Permanent Helicopter Landing Site - Aiming Point Markings 3534(4): Permanent Helicopter Landing Site - Touchdown and Lift Off Markings 3534(5): Permanent Helicopter Landing Site - Touchdown/Positioning Markings 3534(6): Permanent Helicopter Landing Site - Air Taxiway Markers and Markings 3534(7): Permanent Helicopter Landing Site - Air Taxi Route Markers 3534(8): Permanent Helicopter Landing Site - Helicopter Stand Markings 3534(9): Permanent Helicopter Landing Site - Flight Path Alignment Guidance Marking
RA 3535	Helicopter Landing Site - Lighting	3535(1): Permanent Helicopter Landing Site - Lighting 3535(2): Permanent Helicopter Landing Site - Approach Lights 3535(3): Permanent Helicopter Landing Site - Approach Guidance Systems

RA NUMBER	RA DESCRIPTION	SUB RA
		3535(4): Permanent Helicopter Landing Site - Helipad Lights 3535(5): Permanent Helicopter Landing Site - Air Transit Route Lights 3535(6): Permanent Helicopter Landing Site - Aeronautical Ground Lights Characteristics 3535(7): ► Withdrawn – Incorporated into RA 3536(1): Domestic Helicopter Landing Sites – General Requirements ◀
RA 3536	RA 3536 - Domestic Helicopter Landing Site ► ◀	3536(1): Domestic Helicopter Landing Site – ► General Requirements ◀ 3536(2): Domestic Helicopter Landing Site – ► Classification and Specific Requirements ◀ 3536(3): Domestic Helicopter Landing Site ► Custodian – Responsibilities ◀ ► 3636(4): Domestic Helicopter Landing Site Custodian – Qualifications and Experience ◀
RA 3550	Temporary Landing Zone	3550(1): Temporary Landing Zone 3550(2): Temporary Landing Zone Establishment
RA 3590	Maintenance and Safeguarding	3590(1): Maintenance - General 3590(2): Maintenance - Pavements - Friction 3590(3): Maintenance - Pavements - Inspection 3590(4): Maintenance - Pavements - Removal of Contaminants 3590(5): Maintenance - Inspections - Measured Height Surveys 3590(6): Maintenance - Inspections - Compass Calibration Bases Periodic Surveys and Annual Checks 3590(7): Maintenance - Visual Aids 3590(8): Safeguarding - MOD Property 3590(9): Safeguarding - Outside MOD Property 3590(10): Safeguarding - Surface Obstructions 3590(11): Safeguarding - Sub-Surface Obstructions 3590(12): Safeguarding - Operationally Essential Obstructions
	Manual of Military Air Traffic Management (MMATM)	

Table 2: Withdrawn 3000 Series (ATM) Regulatory Articles (not included in the 3000 Series combined document)

RA NUMBER	RA DESCRIPTION	SUB RA
RA 3001	Military ATC Policy	3001(1): Replaced by RA 3201 - Military ATM
RA 3003	Responsibilities of ATC Personnel	3003(1): Withdrawn - Not deemed regulatory material. May be included in Single Service Instructions/Order Books as required
		3003(2): Withdrawn - Not deemed regulatory material. May be included in Single Service Instructions/Order Books as required
		3003(3): Withdrawn - Not deemed regulatory material. Process included in MMATM
		3003(4): Replaced by RA 3203 - Medical Requirements
		3003(5): Replaced by RA 3203(4) - Blood Donations and ATC Duties
		3003(6): Subsumed within Armed Forces Act 2006 as amended by the Armed Forces Act 2011 Effective 1 Nov 13
		3003(7): Replaced by RA 3203(3) - Temporary Medical Restrictions to Controlling Duties
RA 3004	Division of Airspace & Rules of the Air	3004(1): Withdrawn - Details in UK AIP/Mil AIP
		3004(2): Withdrawn - Details in UK AIP/Mil AIP
		3004(3): Withdrawn - Details in UK AIP/Mil AIP
		3004(4): Withdrawn - Details in UK AIP/Mil AIP
		3004(5): Withdrawn - Details in UK AIP/Mil AIP
		3004(6): Withdrawn - Details in UK AIP/Mil AIP
		3004(7): Withdrawn - Moved to 2000 Series RA's
		3004(8): Withdrawn - Details in RA 3231 - Terrain Safe Level and Terrain Clearance and MMATM
		3004(9): Withdrawn - Not regulatory. Pilot elements covered in 2000 Series RA's
		3004(10): Withdrawn - Moved to 2000 Series RA's
		3004(11): Withdrawn - Moved to 2000 Series RA's
		3004(12): Withdrawn - Moved to 2000 Series RA's
RA 3005	Altimetry	3005(1): Replaced by RA 3302 - Altimetry
		3005(2): Replaced by RA 3302 - Altimetry
		3005(3): Replaced by RA 3302 - Altimetry
		3005(4): Replaced by RA 3302 - Altimetry
RA 3006	Notification and Conduct of Flights	3006(1): Withdrawn - Details in UK AIP

RA NUMBER	RA DESCRIPTION	SUB RA
		3006(2): Withdrawn - Details in UK AIP
		3006(3): Withdrawn - Details in UK AIP
RA 3007	Unusual Aerial Activities	3007(1): Withdrawn - Details in UK AIP
		3007(2): Withdrawn - Details in Air Navigation Order (CAP 393)
		3007(3): Withdrawn - Details in UK AIP
RA 3008	Methods of Identification	3008(1): Withdrawn - Details in Air Navigation Order (CAP 393)
RA 3009	Radar Handover Procedures	3009(1): Replaced by RA 3233 - Conduct of Radar Handover
RA 3010	Traffic Information and Traffic Coordination	3010(1): Replaced by RA 3229 - Traffic Information between ATS Providers and RA 3230 - Traffic Coordination
RA 3011	Types of Service and Separation Standards	3011(1): Replaced by RA 3223 - Provisions of Air Traffic Service Inside CAS
		3011(2): Replaced by RA 3224 - Flight Information Services Outside CAS
		3011(3): Replaced by RA 3229 - Traffic Information between ATS Providers
		3011(4): Replaced by RA 3229 - Traffic Information between ATS Providers
		3011(5): Replaced by RA 3228(1) - Standard Separation – Lateral
		3011(6): Replaced by RA 3228(1) - Standard Separation – Lateral
		3011(7): Replaced by RA 3228(2) - Standard Separation - Vertical
		3011(8): Replaced by RA 3228(2) - Standard Separation - Vertical
		3011(9): Replaced by RA 3228(2) - Standard Separation - Vertical
		3011(10): Replaced by RA 3228(3) - Vertical Separation Standards for Typhoon
		3011(11): Replaced by RA 3234 - Air System Formations
		3011(12): Replaced by RA 3294 - Reporting of Hazardous Flying Conditions
		3011(13): Replaced by RA 3236 - Clutter on Situational Displays
RA 3012	General Operating Procedures	3012(1): Replaced by RA 3236 - Clutter on Situational Displays
		3012(2): Replaced by RA 3231 - Terrain Safe Level and Terrain Clearance
		3012(3): Withdrawn - Not deemed regulatory material. Process in MMATM

RA NUMBER	RA DESCRIPTION	SUB RA
		3012(4): Replaced by RA 3277 - Wake Turbulence
		3012(5): Withdrawn - Details in UK AIP
RA 3013	Airborne Collision Avoidance Systems	3013(1): Replaced by RA 3235 - Airborne Collision Avoidance Systems (ACAS) – Controller Responsibilities
		3013(2): Replaced by RA 3235 - Airborne Collision Avoidance Systems (ACAS) – Controller Responsibilities
		3013(3): Replaced by RA 3235 - Airborne Collision Avoidance Systems (ACAS) – Controller Responsibilities
RA 3014	Meteorological Information	3014(1): Replaced by RA 3301 - Meteorological (Met) Information
		3014(2): Replaced by RA 3301 - Meteorological (Met) Information
		3014(3): Replaced by RA 3301 - Meteorological (Met) Information
		3014(4): Replaced by RA 3301 - Meteorological (Met) Information
		3014(5): Replaced by RA 3275 - Runway Visual Range (RVR)
RA 3015	Royal Flights	3015(1): Majority withdrawn – Detail was out of date. Current information in UK AIP. Regulatory Material covered in RA 3237 – Royal Low Level Corridors
		3015(2): Majority withdrawn – Detail was out of date. Current information in UK AIP. Regulatory Material covered in RA 3237 – Royal Low Level Corridors
		3015(3): Majority withdrawn – Detail was out of date. Current information in UK AIP. Regulatory Material covered in RA 3237 – Royal Low Level Corridors
		3015(4): Majority withdrawn – Detail was out of date. Current information in UK AIP. Regulatory Material covered in RA 3237 – Royal Low Level Corridors
RA 3016	Military Aerodrome Design and Safeguarding Criteria	3016(1): Replaced by RA 3263 Aerodrome Classification
		3016(2): Withdrawn - Details in JSP 360 and 2000 Series RAs
		3016(3): Withdrawn – Details in RA 3500 Series
		3016(4): Withdrawn - To be covered in unit orders where required
RA 3017	Aerodrome Vehicles	3017(1): Replaced by RA 3267 - Aerodrome Vehicle Marking and Lighting Requirements
		3017(2): Replaced by RA 3267 - Aerodrome Vehicle Marking and Lighting Requirements
RA 3018	Aerodrome Control	3018(1): Replaced by RA 3261 - Aerodrome Service
		3018(2): Replaced by RA 3261 - Aerodrome Service
		3018(3): Replaced by RA 3261 - Aerodrome Service

RA NUMBER	RA DESCRIPTION	SUB RA
		3018(4): Replaced by RA 3261 - Aerodrome Service 3018(5): Replaced by RA 3261 - Aerodrome Service 3018(6): Replaced by RA 3266 – Aerodrome Maintenance 3018(7): Replaced by RA 3264 – Aerodrome Inspections 3018(8): Replaced by RA 3272 - Continuous Friction Measuring Equipment (CFME) 3018(9): Replaced by RA 3278 - Snow and Ice Operations 3018(10): Replaced by RA 3270 - Bird Control 3018(11): Replaced by RA 3269 - Air Traffic Control (ATC) Pyrotechnics and Firearms 3018(12): Withdrawn - Detail in JSP 360 and 2000 Series RAs 3018(13): Replaced by RA 3271 - Brake Parachute Recovery 3018(14): Replaced by RA 3276 - Truck Runway Control (TRC)
RA 3019	Aerodrome Lighting	3019(1): Replaced by RA 3265 - Aerodrome Lighting Operating Requirements 3019(2): Replaced by RA 3265 - Aerodrome Lighting Operating Requirements 3019(3): Replaced by RA 3264 - Aerodrome Inspections
RA 3020	NATO Standard Aerodrome Procedures	3020(1): Withdrawn - Details in STANAG 3297 - NATO Standard Aerodrome and Heliport ATS Procedures
RA 3021	Aircraft Arresting Systems	3021(1): Replaced by RA 3268 - Air System Arresting Systems 3021(2): Replaced by RA 3268 - Air System Arresting Systems 3021(3): Replaced by RA 3268 - Air System Arresting Systems
RA 3023	Terminal Procedures - General	3023(1): Withdrawn - Detail now spilt between 2000 Series RA's, new 3000 Series RA's and MMATM for process 3023(2): Withdrawn - Not deemed regulatory material 3023(3): Retained in MMATM 3023(4): Withdrawn - Covered in relevant equipment documentation
RA 3024	Surveillance Directing and Ground Controlled Approach	3024(1): Withdrawn - Detail in MMATM 3024(2): Withdrawn - Detail in MMATM 3024(3): Replaced by RA 3291 - Precision Approach Radar 3024(4): Replaced by RA 3291 - Precision Approach Radar

RA NUMBER	RA DESCRIPTION	SUB RA
		3024(5): Replaced by RA 3291(2) - Precision Approach Radar to Civil Pilots
RA 3025	Surveillance Approach Control	3025(1): Withdrawn - Detail in MMATM
		3025(2): Withdrawn - Detail in MMATM
		3025(3): Withdrawn - Detail in MMATM
RA 3027	Lower Airspace Radar Service	3027(1): Withdrawn - Detail in UK AIP
RA 3028	Air Traffic Control Equipment	3028(1): Replaced by RA 3206 - Air Traffic Management (ATM) Equipment
RA 3030	Air Traffic Control Radar Units	3030(1): Withdrawn - Detail now in RA 3222 - Autonomous Radar Units, RA 3223 - Provisions of Air Traffic Service Inside CAS, RA 3202 - ATM Qualifications and RA 3294 - Reporting Hazardous Conditions
		3030(2): Withdrawn - Detail now in RA 3222 - Autonomous Radar Units, RA 3223 - Provisions of Air Traffic Service Inside CAS, RA 3202 - ATM Qualifications and RA 3294 - Reporting Hazardous Conditions
RA 3031	Area Radar Procedures Above FL195	3031(1): Withdrawn - Not deemed regulatory material. Detail to be covered in ATM Force/Unit Orders as required
RA 3032	Area Radar Procedures Below FL195	3032(1): Withdrawn - Not deemed regulatory material. Detail to be covered in ATM Force/Unit Orders as required
RA 3033	Special Air Activities	3033(1): Withdrawn - Detail in 2000 Series RAs
		3033(2): Withdrawn - Detail in 2000 Series RAs
		3033(3): Withdrawn - Detail in UK AIP/Mil AIP
		3033(4): Withdrawn - Detail in ATP-56(B) and AARNIs
RA 3034	Air Surveillance and Control System - General	3034(1): Withdrawn - detail in RA 3202 - ATM Qualifications, RA 3223 - Provision of Air Traffic Service Inside CAS and RA 3224 - FIS Outside CAS
		3034(2): Withdrawn - detail in RA 3202 - ATM Qualifications, RA 3223 - Provision of Air Traffic Service Inside CAS and RA 3224 - FIS Outside CAS
RA 3035	Operational Use of Secondary Surveillance Radar (SSR) – General	3035(1): Withdrawn - Not deemed regulatory material
		3035(2): Withdrawn - Detail in RA 3227 - Methods of Identification
		3035(3): Replaced by RA 3226 - SSR
		3035(4): Replaced by RA 3226 - SSR
		3035(5): Withdrawn - Details in RA 3227 - Methods of Identification
		3035(6): Withdrawn - Details in RA 3227 - Methods of Identification

RA NUMBER	RA DESCRIPTION	SUB RA
		3035(7): Withdrawn - Replaced by RA 3037 - SSR Alone Operations
RA 3036	Emergency Organizations	<p>3036(1): Replaced by RA 3261(2) – Aerodrome Emergency Services</p> <p>3036(2): Replaced by RA 3261(2) – Aerodrome Emergency Services</p> <p>3036(3): Replaced by RA 3261(2) – Aerodrome Emergency Services</p> <p>3036(4): Replaced by RA 3261(2) – Aerodrome Emergency Services</p> <p>3036(5): Withdrawn – not considered regulatory material</p> <p>3036(6): Replaced by RA 3261(2) – Aerodrome Emergency Services</p> <p>3036(7): Replaced by RA 3261(2) – Aerodrome Emergency Services</p> <p>3036(8): Replaced by RA 3261(2) – Aerodrome Emergency Services</p> <p>3036(9): Withdrawn – Not considered regulatory material. Details will be contained in Unit/Local Orders</p> <p>3036(10): Replaced by RA 3311 - Controllers Emergency Actions</p> <p>3036(11): Withdrawn – Not considered regulatory material. Detail contained in JSP 426 Volume 3 Leaflet 02 - MOD Regulations - Airfield Rescue and Fire-fighting Services and Fire and Rescue Service Criteria (Oct 2010)</p> <p>3036(12): Withdrawn – Not considered regulatory material. Detail contained in JSP 426 Volume 3 Leaflet 02 - MOD Regulations - Airfield Rescue and Fire-fighting Services and Fire and Rescue Service Criteria (Oct 2010)</p>
RA 3037	Secondary Surveillance Radar (SSR) Alone Operations	<p>3037(1): Replaced by RA 3241 - Secondary Surveillance Radar (SSR) Alone Operations</p> <p>3037(2): Replaced by RA 3241 - Secondary Surveillance Radar (SSR) Alone Operations</p> <p>3037(3): Replaced by RA 3241 - Secondary Surveillance Radar (SSR) Alone Operations</p>
RA 3038	Diversions	<p>3038(1): Replaced by RA 3313 - Air System Diversions</p> <p>3038(2): Replaced by RA 3313 - Air System Diversions</p> <p>3038(3): Replaced by RA 3313 - Air System Diversions</p>
RA 3039	Overdue Action	3039(1): Replaced by RA 3312 - Overdue Actions by ATC
RA 3040	Search and Rescue	3040(1): Withdrawn - Not deemed regulatory material. Detail in ATP-10 for reference and planning purposes and International Aeronautical and Maritime Search and Rescue Manual, 2013 Edition

RA NUMBER	RA DESCRIPTION	SUB RA
RA 3041	Terminal ATC - Controllers' Emergency Actions	3041(1): Replaced by RA 3311 - Controllers Emergency Actions
RA 3042	Area Radar - Controllers' Emergency Actions	3042(1): Replaced by RA 3311 - Controllers Emergency Actions
RA 3043	Administration – General	3043(1): Replaced by RA 3204 - ATM Records
		3043(2): Replaced by RA 3263 - Aerodrome Classifications
		3043(3): Withdrawn - Not deemed regulatory material. Process in MMATM
RA 3044	Administration – Civil Aircraft	3044(1): Withdrawn - Detail in JSP 360
		3044(2): Withdrawn - Detail in JSP 360
RA 3045	Responsibilities of the Radar Analysis Cell and the Low Flying Operations Squadron	3045(1): Replaced by RA 3205 - Radar Analysis Cell
		3045(2): Withdrawn - Not deemed regulatory material. Detail in UK Low Flying Handbook
RA 3046	Aeronautical Information	3046(1): Withdrawn - Detail in UK AIP/Mil AIP
		3046(2): Withdrawn - Detail in UK AIP/Mil AIP
RA 3047	Air Traffic Services Messages	3047(1): Withdrawn - Detail in UK AIP
RA 3048	Communications	3048(1): Withdrawn - Detail in CAP 413
		3048(2): Withdrawn - Detail in RA 3206 - ATC Equipment Checks
		3048(3): Withdrawn - Detail in CAP 413
		3048(4): Withdrawn - Detail in CAP 413
		3048(5): Withdrawn - Detail in CAP 413
		3048(6): Withdrawn - No longer relevant
		3048(7): Withdrawn - Detail in CAP 413
RA 3101	Air Traffic Management (ATM) Equipment Organization Exposition (AEOE)	3101(1): Withdrawn – Incorporated into RA 3100(3)
RA 3103	AAOS Safety and Quality Management Systems	3103(1): Withdrawn – Incorporated into RA 1027(1)
		3103(2): Withdrawn – Incorporated into RA 1027(1)
RA 3238	Controlled Airspace Deeming Conventions	3238(1): Withdrawn – Incorporated into RA 3228(4)
RA 3271	Brake Parachute Recovery	3271(1): Withdrawn – Incorporated into RA 3261(1): Aerodrome Service
RA 3276	Truck Runway Control	3276(1): Withdrawn – Incorporated into RA 3279(1)
		3276(2): Withdrawn – Incorporated into RA 3279(4)

RA NUMBER	RA DESCRIPTION	SUB RA
		3276(3): Withdrawn – Incorporated into RA 3279(3)
RA 3294	Reporting of Hazardous Flying Conditions	3294(1): Withdrawn - Not deemed regulatory material
	Manual of Aerodrome Design and Safeguarding (MADS)	