



MINISTRY OF DEFENCE

## INFORMATION NOTE

**Subject:** Military Aviation Authority Regulatory Publications (MRP)

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Who should read this: **CEstOs, Top Level Budget Holders, Project Sponsors, MOD Project Managers and others within the IPT (for both Prime, PFI/PPP and traditionally procured contracts), Defence Estates Advisors and Facilities Managers / Site Estate Representatives with responsibility for MOD projects and Property Management Works Services (including the legacy work of EWCs/WSMs), Airfield Technicians.**

When it takes effect: Immediately

When it is due to expire: When Rescinded

Estate Management

### Document Aim:

To advise that the Military Aviation Authority (MAA) have published a new series of regulatory documents replacing the current Military Aviation Regulatory Document Set (MARDS).

### Background:

1. The Military Aviation Authority Regulatory Publications (MRP) is the regulatory framework for all military aerodromes. Particular to airfield infrastructure, JSP 554 titled 'Military Aviation Aerodromes Standards and Criteria' has been replaced with the 'Manual of Aerodrome Design and Safeguarding' with effect from the 1 Aug 11.
2. A major change in the 'Manual of Aerodrome Design and Safeguarding' is the use of the permissive verb **should**, this allows regulated entities the opportunity to show acceptable means of compliance other than that specified. ***All such alternative means of compliance must have the prior approval of the MAA confirmed by receipt of a Regulatory Waiver/Exemption.***
3. MAA01: Military Aviation Authority Regulatory Policy is the overarching document and is to be used alongside the 'Manual of Aerodrome Design and Safeguarding'.

### Action required:

4. To note the change in Regulatory Publications and the implementation policy defined in MAA Regulatory Instruction No. **MAA/RI/06/11 (DG) – MAA REGULATORY PUBLICATIONS** dated 13 Jul 11.

### References:

5. The MAA Regulatory Publication set can be accessed using the link below. See also the attached mapping document at Annex A.

<http://www.mod.uk/DefenceInternet/AboutDefence/CorporatePublications/AirSafetyandAviationPublications/MAA/RFL/MilitaryAviationAuthorityRegulatoryPublications.htm>



**ANNEX A****ATM 3000****RA MAPPING TOOL FOR JSP 552, JSP 554 AND AvP67(ATM Only)**

<b>Section/Manual</b>	<b>Title</b>	<b>RA</b>
<b>JSP 552</b>		
100	POLICY, ORGANISATION & RESPONSIBILITIES	
101	ATC Policy	3001
105	National and International ATC Organisation and Responsibilities	
110	Responsibilities of ATC Personnel	3003
200	AIR TRAFFIC CONTROL - GENERAL	
201	Division of Airspace & Rules of the Air	3004
205	Altimetry	3005
210	Notification & Conduct of Flights	3006
215	Unusual Aerial Activities	3007
220	Methods of Identification	3008
225	Radar Handover Procedures	3009
230	Traffic Information and Traffic Co-Ordination	3010
235	Types of Service and Separation Standards	3011
240	General Operating Procedures	3012
245	Airborne Collision Avoidance System: Traffic Alert and Collision Avoidance System – ACAS II	3013
250	Meteorological Information	3014
255	Royal Flights Within the UK	3015
260	Royal Flights Abroad	3015
265	Royal Flight Supplementary Radar Services	3015
300	AERODROMES & AERODROME CONTROL	
301	Classification of RAF Aerodromes	3016
305	Aerodrome Ground Markings, Signals and Signs (Now Aerodrome Vehicles)	3017
310	Aerodrome Control	3018
315	Aerodrome Lighting	3019
320	NATO Standard Aerodrome Procedures	3020
325	Aircraft Arresting Systems	3021
330	Army Helicopter Landing Sites (Now Chap 22 Helicopter Landing Sites)	
400	TERMINAL RADAR SERVICES	
401	Terminal Procedures - General	3023
405	Radar Directing and GCA	3024
410	Radar Approach Control	3025
415	Lower Airspace Radar Service	3027
420	Approach Control Procedures	3025
425	Air Traffic Control Equipment	3028
500	MILITARY AREA RADAR SERVICES	
501	Air Traffic Control Centres (ATCCs)	

505	Air Traffic Control Radar Units – General	3030
510	Area Radar Procedures – Above FL195	3031
515	Area Radar Procedures – Below FL195	3032
520	Special Air Activities	3033
525	Air Surveillance and Control Systems - General	3034
600	SECONDARY SURVEILLANCE RADAR	
601	Operational Use of SSR - General	3035
605	SSR Code Assignments	3035
700	EMERGENCIES	
701	Emergency Organisations	3036
705	ATC Emergency Procedures and Responsibilities	3036
710	Diversions	3038
715	Overdue Actions	3039
720	Search and Rescue (SAR)	3040
725	Terminal ATC – Controllers’ Emergency Actions	3041
730	Area Radar – Controllers’ Emergency Actions	3042
800	ADMINISTRATION & INCIDENTS	
801	Administration – General	3043
805	Responsibilities and Tasks of AIS (Mil) and HQ Air Detachment LATCC (Mil)	3045
810	Aeronautical Information	3046
815	Air Traffic Services Messages	3047
900	COMMUNICATIONS	
901	Communications	3048
<b>JSP 554</b>	Replaced by Manual of Aerodrome Design and Safeguarding – RA 3016(3) refers.	
100	POLICY, ORGANISATION AND RESPONSIBILITIES	
101	AUTHORITY AND RESPONSIBILITY (Now – Policy, Organisation and Responsibility)	Chapter 1
105	PROCEDURES (Now – Aerodrome Design and Procedures)	Chapter 2
200	SPECIFICATION FOR FIXED WING PERMANENT AERODROMES	
201.100	AERODROME DATA AND PHYSICAL CHARACTERISTICS (Now – Aerodrome Design Specification for Fixed Wing Permanent Bases)	Chapter 3
201.105	PHYSICAL CHARACTERISTICS (Now – Specifications for the Aerodrome Physical Design) Note: Table 4-5 has an amendment	Chapter 4
201.110	OBSTACLES (Now – The Management of Obstacles on and Around the Aerodrome) Note: There are some minor amendments and additions within this Chapter	Chapter 5
Annex A to 200	COMPASS CALIBRATION BASES	Annex 5A
205	VISUAL AIDS FOR NAVIGATION	Chapter 6
Annex A to 205	AERONAUTICAL GROUND LIGHT AND SURFACING MARKING COLOURS	Annex 6A
Annex B to 205	AERONAUTICAL GROUND LIGHT	Annex 6B

	CHARACTERISTICS	
Annex C to 205	PAPI: SITING AND SETTING ANGLES	Annex 6C
Annex D to 205	CONTROL OF LIGHTING AT AERODROMES DURING NVG OPERATIONS	Annex 6D
210	VISUAL AIDS FOR DENOTING OBSTACLES	Chapter 7
215 220 225	AIRCRAFT ARRESTING SYSTEMS (inc in Chapter 8) EQUIPMENT AND INSTALLATIONS (inc in Chapter 8) MAINTENANCE (inc in Chapter 8) RUNWAY VISUAL RANGE SYSTEMS (inc in Chapter 8) (Now – Aerodrome Equipment, Installations, Maintenance and Systems)	Chapter 8
235	AIRCRAFT PICKETING/TIE DOWN REQUIREMENTS (inc in Chapter 9) EARTHING REQUIREMENTS FOR AIRCRAFT ON MILITARY ESTABLISHMENTS (inc in Chapter 9) (Now – Aircraft Picketing/Tie Down and Earthing Requirements)	Chapter 9
300	SPECIFICATION FOR ROTARY WING PERMANENT BASES	
301	ROTARY WING PERMANENT BASE DATA & PHYSICAL CHARACTERISTICS (Now – Aerodrome Design Specification for Rotary Wing Permanent Bases) (JSP 554 Change 7 was uploaded in error instead of Change 8 – please refer to JSP Change 8 until this is amended)	Chapter 10
Annex A to 301	DOMESTIC HELICOPTER LANDING SITES (HLS) IN ROYAL NAVY AND ROYAL MARINE ESTABLISHMENTS – SAFETY COVER (Now – Domestic Helicopter Landing Sites (HLS) (JSP 554 Change 7 was uploaded in error instead of Change 8 – please refer to JSP Change 8 until this is amended)	Annex 10A
305	VISUAL AIDS (Now – Visual Aids and Marking for Rotary Wing Permanent Bases) (JSP 554 Change 7 was uploaded in error instead of Change 8 – please refer to JSP Change 8 until this is amended)	Chapter 11
400	TEMPORARY AIRFIELDS	
401 - 405	CLASSIFICATION AND SELECTION OF TEMPORARY AIRFIELDS (Now – Classification and Selection of Temporary/Tactical Airfields)	Chapter 12
Annex A to 401	TYPES OF TEMPORARY AIRFIELDS (Now – Types of Temporary/Tactical Airfields)	Annex 12A
410	CRITERIA FOR MANOEUVRING AREA, CLEAR AREAS, LATERAL SAFETY ZONES AND CLEAR ZONES FOR TACTICAL AIRFIELDS (Now – Criteria for Temporary/Tactical Airfields)	Chapter 13
Annex A to 410	AIRCRAFT DATA SHEETS	Chapter 13A
Annex B to 410	CRITERIA FOR TEMPORARY AIRFIELDS FOR TAC AT AIRCRAFT	Annex 13B
Annex C to 410	MINIMUM DIMENSIONAL CRITERIA FOR TAC AT AIRFIELDS (Now – Minimum Dimensional Criteria for Temporary/Tactical Airfields For Tactical Air Transport Aircraft)	Annex 13C
Annex D to 410	STRENGTH CRITERIA GRAPHS (Now – Strength Criteria Graphs for Temporary/Tactical Airfields)	Annex 13D
415 & 420	INSTRUMENT SURVEY OF LONGITUDINAL AND	Chapter 14

	TRANSVERSE PROFILES AND ANALYSIS OF RESULTS (Now – Instrument Surveys and Marking of Temporary/Tactical Airfields)	
Annex A to 415	UNDULATION ANALYSIS (Now – Examples of Undulation Analysis on Temporary/Tactical Airfields)	Annex 14A
Annex A to 420	BARE MINIMUM TLZ MARKINGS (Now – Bare Minimum Temporary Landing Zone Marking)	Annex 14B
Annex B to 420	DIAGRAMS OF STANAG MARKING OF TEMPORARY AIRFIELDS	Annex 14C
500	AIRFIELD PAVEMENT DESIGN, CONSTRUCTION AND MAINTENANCE	
501 & 505	INTRODUCTION & PAVEMENT FRICTION CHARACTERISTICS AND MEASUREMENTS (Now – Aerodrome Pavement Design, Construction and Maintenance)	Chapter 15
Annex A to 501	MATERIALS AND CONSTRUCTION (Now – Aerodrome Pavement Materials and Construction)	Annex 15A
Annex B to 501	MAINTENANCE AND RESTORATION OF AIRFIELD PAVEMENTS (Now – Maintenance and Restoration of Aerodrome Pavements)	Annex 15B
Annex A to 505	FRICTION MEASUREMENT BACKGROUND (Now – Surface Friction Measurement)	Annex 15C
600	SAFEGUARDING OF THE AERODROME AND ITS ENVIRONMENT	
620 630	SAFEGUARDING OF AERODROMES – PROCEDURES (inc in Chapter 16) GRASS AND HABITAT MANAGEMENT – (inc in Chapter 16) (Now – Safeguarding – Aerodromes and the Surrounding Environments).	Chapter 16
601 605 610 615 625	SURFACE AND SUB-SURFACE OBSTRUCTIONS (Now – Safeguarding – Aerodromes and the Surrounding Environments) (inc in Chapter 17) AERODROME OBSTACLE LIMITATION ZONES (inc in Chapter 17) APPROACH CLEARANCE PLANES (inc in Chapter 17) RADIO/RADAR NAVIGATION AIDS (inc in Chapter 17) EXTRANEIOUS LIGHTING ON OR IN THE VICINITY OF AERODROMES (inc in Chapter 17) (Now – Safeguarding – Obstructions and Waivers)	Chapter 17
Annex A to 620	AIR TRAFFIC CONTROL OFFICERS' CERTIFICATE – SITING, HANDOVER AND RE-APPROPRIATION BOARDS	Annex 17A
Annex B to 620	BIRD STRIKE RISK HAZARD – SAFEGUARDING OFF BASE (Now – Bird strike Hazard – Safeguarding Off Base)	Annex 17B
Annex A to 630	COMPATABILITY (Now – Standard Long Grass Policy Maintenance Regime)	Annex 17C
<b>AvP67</b>	ATM elements (Flight Test) - Air Traffic Control and Airfield Supervision. These elements which are not generic and are specific to Flight Test activities are in MMATM Chap 49 Aerodrome and ATM Considerations for Non-Front Line Command Supporting Organizations	3049

## JSP 552 Notes:

1. RA numbers (last 2 digits) correlate to Military Manual of Air Traffic Management (MMATM) chapters, i.e. 3014 relates to material found in Chapter 14.
  2. The Chapters in the MMATM broadly equate to the previous Sub-sections in JSP 552. Some material has been moved to more logical locations as per the notes below.
  3. 201.170.10 Flights from Civil, RAF and Foreign Airfields - deleted with approval of RN FLC.
  4. 201.190.4 Safety Altitude for RN Aircraft - deleted with approval of RN FLC.
  5. 201.190.5 Safety Altitude for British Army Aircraft - deleted with approval MAA Regs SO1.
  6. 210.130 Display of Pyrotechnics, Flares or Unusual Lights-moved to Chap 7 Para 11.
  7. 235.160 Avoiding Action - moved to Chap 11 Para 17.
  8. 240.105 Provision of Service - moved to Chap 11 Para 12.
  9. 240.130 Radar Service within a MATZ - removed as duplicated in Chap 12 Para 1.
  10. 301.100.2 Combined MATZ - moved to Chap 4 Para 17.
  11. 305 Aerodrome Ground Markings Signals and Signs - changed to Chap 17 Aerodrome Vehicles.
  12. 305.100.1 TRC when ATC Unmanned - moved to Chap 18 Para 46.
  13. 801.110 Accommodation for Civil Aircraft, Aircrew and Passengers, 801.115 Refuelling and Maintenance of Civil Aircraft and 801.120 Approaches to UK Military Airfields by Civil Aircraft – Below Airfield Operating Minima incorporated in Chap 44.
  14. Where source information had changed from MARDS Change 8 during the re-write this information has been displayed in magenta text as follows:
    - a. Chap 4 Para 60b – PANS-OPS Safety Altitude use of 300m.
    - b. Chap 5 Para 3 – Aerodrome QNH use of touchdown/threshold elevation.
    - c. Chap 18 Para 26 – Surface Inspections damage from RHAGs.
- Subsequent changes will follow conventions detailed in MAA 03.
15. Hectopascal (hPa) has been included with millibars in anticipation of the UK adopting the use of hPa nomenclature later this year.



## JSP554 Notes.

1. 201.115.2 Point (d) added for clarity.
2. 201.115.3 Point (a) was expanded to include more detail and both 'notes' were deleted, point (b) was altered slightly and point (c) was an addition.
3. 201.115.4 was an addition.
4. 201.115.5 some detail was added to point (e).
5. Fig 201-9 (Fig 5-3) was an addition.
6. Within Table 201-18 there were a few changes.
7. Fig 201-4 was updated.
8. Table 201-7 was amended.

Note: If further detail about any of the changes is required please contact Sqn Ldr Kups MAA (MAA-Op\_ATM-AD Infra SO2). All changes listed were subject to the correct staffing in preparation for Change 9 of JSP 554).