

**SKILLS FRAMEWORK FOR MEDIA
TECHNICAL SKILLS AND COMPETENCIES (TSC) REFERENCE DOCUMENT**

TSC Category	Production Technical Services					
TSC Title	Aerial Camera Operations					
TSC Description	Manage the set-up and operations of types of aerial cameras, lenses and accessories for the production of content					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
		MED-MPN-2033-1.1	MED-MPN-3033-1.1	MED-MPN-4033-1.1		
		Support the operation of aerial cameras used during productions	Operate aerial systems and equipment to capture aerial sequences according to technical specifications	Direct aerial sequences and movements to create visual outputs aligned with creative vision of productions		
Knowledge		<ul style="list-style-type: none"> Types of aerial camera systems and equipment Instructions to set up and dismantle aerial camera systems and equipment Techniques to inspect aerial camera systems and equipment Techniques to rig cameras onto aerial machines Aerial camera systems and equipment Techniques to change camera magazines Relevant aviation terminologies used during shoots Techniques to maintain aerial camera systems and equipment Relevant documents to obtain licenses and approvals for aerial shoots Workplace safety and health regulations and procedures pertaining to camera operations 	<ul style="list-style-type: none"> Instructions to operate and control aerial camera systems and equipment Technical specifications for types of aerial camera systems and equipment Types of aerial effects Aerial cinematography techniques Features and functions for various types of aerial camera systems and equipment Limitations associated with various types of aerial camera systems and equipment Aerial maps and topography Relevant local aviation regulations Workplace safety and health regulations and procedures pertaining to camera operations 	<ul style="list-style-type: none"> Concepts of visual storytelling Principles of aerial cinematography and other factors that impact overall visuals Principles of composition and continuity Techniques to capture complex aerial sequences Technologies that enhance shots from aerial sequences Relevant principles of aerodynamics Aerial maps and topography Workplace safety and health guidelines and protocols Relevant local aviation regulations 		
Abilities		<ul style="list-style-type: none"> Source for required aerial camera systems 	<ul style="list-style-type: none"> Interpret detailed shot and flight plans to 	<ul style="list-style-type: none"> Assess requirements in visual briefs and 		

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		<p>and equipment needed for shoots</p> <ul style="list-style-type: none"> • Complete paperwork as instructed to obtain licenses and approvals for aerial shoots • Carry out checks to ensure that aerial camera systems and equipment are in working order • Set up aerial camera systems and equipment according to technical specifications • Mount cameras at required angles on aerial equipment using appropriate stabilisation techniques • Re-load film magazines quickly during refuelling to minimise filming disruptions • Perform basic routine maintenance on equipment to ensure it is prepared for next round of shooting • Dismantle camera equipment after shooting to keep them in proper storage cases • Comply with workplace safety and health regulations and guidelines during production 	<p>understand production styles and technical requirements</p> <ul style="list-style-type: none"> • Coordinate with local authorities to get required clearance for shoots • Inspect aerial camera systems and equipment to ensure that it is correctly fitted and complies with technical requirements • Operate aerial camera systems and equipment according to flight paths to capture required aerial sequences • Adjust settings in aerial camera systems and equipment to compensate for variables which impact the quality of footage • Provide feedback on camera angles and movements to enhance visual effects of shots • Administer frequent checks to ensure production teams comply with work processes and workplace safety and health regulations 	<p>conditions of filming locations to determine camera equipment and accessories needed for production</p> <ul style="list-style-type: none"> • Develop detailed shot and flight plans to outline aerial sequences, camera angles and movements needed for scenes • Supervise the set-up and inspection processes to ensure alignment with production and workplace safety and health requirements • Direct production teams to capture desired aerial sequences • Develop alternative plans and solutions to resolve technical issues that occur during productions • Adapt parameters, camera techniques and movements to enhance overall visual effects and outputs • Review footages to ensure that shots are framed in a manner that achieves continuity and seamless transition between shots 		
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