Job Description

1. ROLE DETAILS:

JOB DESCRIPTION CODE:	UTM001
POSITION TITLE:	HEAD OF UTM
REPORTS TO:	VP AIR TRAFFIC DEVELOPMENT
DEPARTMENT:	UNMANNED TRAFFIC MANAGEMENT OPERATIONS (UTM OPERATIONS)
GRADE:	DANS 10 / DFS 19

2. ROLE PURPOSE:

The role is responsible for providing strategic leadership, vision, and direction to the UTM department. This position ensures safe, efficient, and equitable management of unmanned aerial vehicle (UAV) traffic while spearheading the development and execution of a comprehensive UTM strategy that aligns with national and organizational goals. The Head of UTM leads innovation, ensures regulatory compliance, and fosters collaboration across stakeholders to position the UAE as a global leader in UTM. This position also oversees the Airspace Management Cell (AMC), optimizing operational efficiency, driving system advancements, and managing risks to maintain seamless operations across the airspace ecosystem.

- Number of Staff Directly Supervised: 4
- Total number of staff Supervised: 11

3. KEY ACCOUNTABILITIES:

Description

Strategic Leadership:
- Define and implement a visionary UTM strategy that aligns with national objectives and global trends.
- Drive the development of policies, frameworks, and best practices to advance the UTM ecosystem.
- Advocate for the organization's position in international forums, contributing to the development of global UTM standards.

Operational Oversight:
- Ensure the seamless execution of daily UTM operations, addressing complex challenges, and mitigating operational risks.
- Oversee the integration of cutting-edge technologies and innovative solutions to enhance efficiency.
- Develop and monitor key performance indicators (KPIs) to evaluate and improve operational performance.

Interdepartmental Coordination:
- Facilitate effective collaboration across internal departments, ensuring alignment with overarching organizational goals.
- Act as a liaison between UTM and other critical units such as Safety, Engineering, and Public Affairs.

3. KEY ACCOUNTABILITIES:

Description

Regulatory Compliance:
- Ensure that all UTM activities comply with applicable national and international regulations.
- Work closely with regulatory authorities to shape and adapt policies to support a dynamic and innovative UTM framework.

Stakeholder Engagement:
- Build and maintain strategic partnerships with government agencies, industry players, and international bodies.
- Represent the UTM department in high-level meetings, negotiations, and public forums to advocate for organizational interests.

Innovation and System Advancement:
- Drive continuous improvement by identifying emerging technologies and methodologies to advance UTM capabilities.
- Promote research and development initiatives to position the UAE as a global hub for UTM innovation.

Risk Management and Emergency Response:
- Develop and implement robust risk management frameworks to address potential challenges in UTM operations.
- Lead emergency response initiatives, ensuring preparedness and swift resolution of incidents.

Performance Monitoring and Reporting:
- Establish and oversee a comprehensive performance monitoring system to evaluate operational effectiveness.
- Provide detailed reports and strategic recommendations to senior leadership and stakeholders.

Department Budgeting Requirements:
- Assess and define the financial needs of the UTM department to support both operational and strategic objectives.
- Develop detailed budget proposals, justifying resource allocation to align with department goals and organizational priorities.
- Monitor expenditures against the approved budget, ensuring efficient utilization of resources while maintaining cost-effectiveness.
- Advocate for additional funding as necessary, presenting data-driven justifications to senior management.

Team Leadership and Development:
- Inspire, mentor, and develop a high-performing UTM team, fostering a culture of innovation, collaboration, and excellence.
- Identify skill gaps and implement targeted training programs to enhance team capabilities.

- Undertakes similar or related duties as directed by senior management.

Human Capital

Internal Use
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4. COMMUNICATIONS & WORKING RELATIONSHIPS:

Internal:

- All dans

External:

- Government agencies
- Industry stakeholders
- Research institutions
- Public interest groups
- Other international bodies such as ICAO, IATA, CANSO etc.

5. KNOWLEDGE, SKILLS & EXPERIENCE:

Experience:

- Bachelor's degree in a relevant field (e.g., Aerospace Engineering, Air Traffic Management) or equivalent experience.
- Minimum 10 years of progressive experience in aviation, with at least 5 years in a leadership role.
- Deep understanding of UTM technologies, systems, and regulatory landscapes.
- Proven track record of managing large teams and complex operations.
- Experience in stakeholder engagement and policy advocacy at the national and international levels.

Skills:

- Strategic thinking and visionary leadership.
- Strong analytical, decision-making, and problem-solving skills.
- Exceptional communication and interpersonal abilities.
- Proficiency in UTM platforms, project management tools, and data analysis software.
- Advanced project and budget management expertise.

6. BEHAVIOURAL COMPETENCIES:	WEIGHT % DISTRIBUTION
• **Adaptability & Innovation**	10
• **Communication**	10
• **Teamwork**	10
• **Strategic Thinking**	20
• **Leadership**	15
• **Empowerment**	15
• **Risk Management**	20

7. SAFETY & SECURITY REQUIREMENTS

- Adhere to the applicable safety & security (information security) policies and procedures of dans.
- Report any security (information security) breaches or incidents to dans Security team security.incident@dans.gov.ae.
- Report any safety incident to dans safety team or by submitting SALAMA.
- Attend safety & security (information security) awareness sessions conducted in dans.

8. APPROVALS:

Accepted: Job Holder

Name & Signature

Reviewed by: Line Manager

Name & Signature