



Aeronautics Department

Role-playing activity of Air Marshalling

AUN QA – Criteria – 3 – Teaching and Learning Approach

KPI - 3.2. The teaching and learning activities are shown to allow students to participate responsibly in the learning process.

KPI - 3.3. The teaching and learning activities are shown to involve active learning by the students.

Introduction:

In the field of aviation, practical training is essential to prepare students for various roles, including ramp services handling. One innovative method of providing practical experience is through role-playing activities, such as flight marshalling simulations. This report outlines the implementation, objectives, expected learning outcomes, evaluation criteria, and observations of a role-playing activity focusing on flight marshalling for the subject of ramp services handling.

Key features of the activity

1. **Simulation of Real-World Scenarios:** The role-playing activity simulates realistic scenarios encountered in flight marshalling, allowing students to experience the challenges and responsibilities associated with directing aircraft on the ground.
2. **Interactive and Engaging Learning:** Students actively participate in the role-playing activity, engaging in hands-on experiences that enhance their understanding of flight marshalling procedures and techniques.
3. **Collaborative Learning Environment:** The activity encourages collaboration among students as they work together to coordinate aircraft movements and communicate effectively with pilots and ground crew.
4. **Application of Theory into Practice:** By applying theoretical knowledge to practical situations, students reinforce their understanding of ramp services handling concepts and develop valuable skills in aircraft marshalling.

Objectives of the activity

1. Provide students with hands-on experience in flight marshalling to complement theoretical learning and enhance practical skills.
2. Develop students' communication skills by practicing effective communication with pilots, ground crew, and other stakeholders involved in aircraft operations.

3. Foster an understanding of safety protocols and procedures related to aircraft marshalling to ensure safe and efficient ground operations.
4. Encourage teamwork and collaboration among students to effectively coordinate aircraft movements and manage ground operations.

Evaluators

Aj. Mari Prabu Govindan, Instructor

Learning Outcomes

EXPECTED LEARNING OUTCOME
1. Proficiency in Flight Marshalling Techniques: Students are expected to demonstrate proficiency in flight marshalling techniques, including hand signals, radio communication, and aircraft positioning. 2. Effective Communication Skills: Improved communication skills, as students practice clear and concise communication with pilots and ground crew members during aircraft operations. 3. Safety Awareness and Adherence: Increased awareness of safety protocols and adherence to standard operating procedures to mitigate risks and ensure safe ground operations. 4. Teamwork and Collaboration: Enhanced teamwork and collaboration skills as students work together to coordinate aircraft movements and manage ground operations effectively.
COURSE LEARNING OUTCOME
1. The students will be able to execute problem-solving skills for the effective use of ramp handling equipment through the application of creative and critical thinking and come up with innovative solutions to problems related to ramp service.(AR21) 2. Ability to understanding the ramp services and its strict adherence in practice. 3. This course of learning would provide the students with specialized skills to interact with peers and people in the working environment and conduct the ramp service efficiently with good communication. They would also develop a sense of responsibility for themselves and their organization. 4. Intention to serve society with learned concepts and practices related to ramp service and safety procedures.

Evaluation/Assessment Criteria

Students' performance in the role-playing activity will be evaluated based on the following criteria:

- **Accuracy of Flight Marshalling Techniques:** The accuracy and effectiveness of students' execution of flight marshalling techniques, including hand signals and aircraft positioning.
- **Communication Skills:** The clarity, accuracy, and effectiveness of students' communication with pilots, ground crew, and other stakeholders involved in aircraft operations.
- **Safety Awareness and Adherence:** Adherence to safety protocols and procedures, including awareness of potential hazards and the ability to mitigate risks during ground operations.
- **Teamwork and Collaboration:** The ability to work collaboratively with peers to coordinate aircraft movements and manage ground operations efficiently.

Observations through the Activity

Through the role-playing activity focusing on flight marshalling, notable observations include increased engagement and participation among students, improved proficiency in flight marshalling techniques, enhanced communication skills, heightened safety awareness, and strengthened teamwork and collaboration abilities. The activity provides students with valuable hands-on experience and practical skills that are essential for success in ramp services handling roles within the aviation industry.

Scores

S.No.	Student Code	Student Full Name	Total (20)
1	202222006	CHANAPA TONTHOON	17
2	202222009	CHOTIROS CHUSREE	19
3	202222013	MONTON CHANNOK	16
4	202222014	NAMPHET DUANGJAN	16
5	202222015	NAPATSAKORN TUNSA NOI	19
6	202222016	NATHAWAT PALAKHAMHARN	16
7	202222020	PHURIPHAK SRIBUNHOM	18
8	202222030	SIRICHA I PHROMCHAIYA	18
9	202222034	SURIYO THONGAIM	19
10	202222037	TIAN KAEWSRINUAN	16
11	202222042	THANAWAT KUNDTHAISONG	17
12	202222046	VERA JOHNPAUL GUSEVA	17

13	202222050	WIPHADA WICHIAN SAN	19
14	202222052	JARIYA CHANNOK	17
15	212222006	VINAYAK SONTHLIWAL	18

Pictures



Screenshots of students doing role-play of Air marshalling

Videos

[Video evidence for roleplaying](#)