



TASK CARD AMC-Fleet

TaskCard: Layout and mask an aircraft identification marking ("N" Number)	Date: FEB 20	Aircraft:
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E/C:	P/N:	S/N:	A/C Pos:	NLA Pos:
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Description: This is a 4-person team task worth a maximum of 100 points. The time period to complete the task is 30 minutes. The team will work together to research, layout, and mask an aircraft identification marking ("N" number) in accordance with federal aviation regulations.

Area: Identification and Registration Marking	Labor Hours: 2	W/O Phase:
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Skills: Aircraft Finishes; Apply Trim, letters, and touchup paint.

ITEM:	INSTRUCTIONS	MECH:	QC
	<p>OBJECTIVE: Given FAR Part 45, sample piece of sheet metal to simulate an aircraft outer skin, masking tape, and a measuring device, perform the following with zero assistance from non-team members:</p> <ol style="list-style-type: none"> (1) Determine the correct line and letter width and height of letters. (2) Properly layout letter on simulated aircraft skin. (3) Correctly answer 5 questions in reference to applying aircraft identification markings. <p>EVALUATION CRITERIA: Each team will be evaluated on the following skills, abilities, and outcomes:</p> <ol style="list-style-type: none"> (1) Teams will successfully layout "N" number on simulated aircraft skin material by first researching approved dimensional criteria. (2) Teams will successfully layout "N" number on simulated aircraft skin material by secondly taping-off the letter "N" in accordance with approved dimensional criteria. (3) Teams will successfully layout "N" number on simulated aircraft skin material by correctly answering 5 questions pertaining to laying out and masking an aircraft identification number according to applicable FAA Regulations. <p>PROCEDURES:</p> <ol style="list-style-type: none"> 1. Determine the required width of letter lines, the letters themselves, and the height of each letter 2. Mark the area to be masked on the piece of simulated aircraft skin 3. Mask the letter "N" on the piece of simulated aircraft skin 4. Conduct a question and answer session comprised of 5 questions to ensure that all regulatory requirements were considered prior to painting the simulated aircraft skin 		



"N" NUMBER LAYOUT & MASKING SCORE SHEET

School/Team Name: _____

Judge Name: _____

PROJECT: Layout and Mask an aircraft identification marking ("N" Number)

1. A team of four students will have a time limit of 30 minutes to complete the project
2. All tool on the approved list can be used
3. Teams will start out with 100 point and points will be subtracted if instruction of the project is not followed.

<i>ALL TEAMS WILL START OUT WITH 100 POINTS</i>	POINTS
Correct Letter Line width is identified in appropriate FAA Regulation.	10
Correct overall Letter width is identified in appropriate FAA Regulation.	10
Correct Letter height is identified in appropriate FAA Regulation.	10
Letter border is masked according to appropriate FAA Regulatory guidance.	20
Masked letter is centered on simulated aircraft skin.	20
Masked letter is aligned evenly as measured from the bottom edge of the simulated aircraft skin to the bottom edge of the "N" Number.	10
All 5 questions are answered correctly during pre-painting review.	20
SUBTRACT ALL ABOVE POINTS AND PLACE FINAL SCORE IN TOTAL BLOCK	TOTAL