1. FACILITY  2. DATE (YYYYMMOD)  3. LOCATION  4. INSPECTOR  4. INSPECTOR  5. SKETCH THE LAYOUT OF THE ACTUAL LIGHTNING PROTECTION SUBSYSTEM (Or attach an up-to-date engineering drawing if it exists)  6. ALL LIGHTNING PROTECTION EQUIPMENT UL LABELED  7. UL MASTER LABEL ISSUED AND PROPERLY ATTACHED TO THE BUILDING  YES NO  8. AIR TERMINALS  8. SIZE (Diameter)  88. MATERIAL  80. SIZE (Diameter)  88. DOES THE HEIGHT OF AIR TERMINALS PROVIDE PROPER CONE OF PROTECTION Sh. PHYSICAL CONDITION  YES NO  90. PROPERLY INSTALLED  91. SIZE  92. MATERIAL  93. SECURELY FASTENED  94. SECURELY FASTENED  95. PROPERLY BONDED TO AIR TERMINALS AND OTHER METAL OBJECTS ON ROOF  YES NO  96. PROPERLY INSTRUCTIONS  97. PROPERLY INSTRUCTION  98. PROPERLY INSTRUCTION  99. PHYSICAL CONDITION  100. SECURELY ANCHORED  101. DOWN CONDUCTORS  102. SECURELY ANCHORED  103. SECURELY ANCHORED  104. SIZE  105. MATERIAL  106. SECURELY ANCHORED  107. MATERIAL  107. MATERIAL  108. SECURELY SOLDED TO ROOF CONDUCTORS/AIR TERMINALS AND GROUNDING ELECTRODES  109. TYPE  100. SECURELY SOLDED TO ROOF CONDUCTORS/AIR TERMINALS AND GROUNDING ELECTRODES  100. PYES NO  101. PROPERLY BONDED TO THER CROSS ROOF CONDUCTORS NO  102. SECURELY ANCHORED  103. TYPE  104. SECURELY SOLDED TO ROOF CONDUCTORS/AIR TERMINALS AND GROUNDING ELECTRODES  105. SECURELY ANCHORED  106. SECURELY ANCHORED  107. PYES NO  107. PROPERLY SONDED TO ROOF CONDUCTORS/AIR TERMINALS AND GROUNDING ELECTRODES  108. TYPE  109. SECURELY ANCHORED  109. PROPERLY SONDED TO ROOF CONDUCTORS/AIR TERMINALS AND GROUNDING ELECTRODES  100. PHYSICAL CONDITION  11. GUARDS  120. GROUNDING ELECTRODES  121. TYPE  122. SECURELY SONDED TO THER GROUNDING SYSTEMS OF THE BUILDING  YES NO  124. DISTANCE BELOW GRADE LEVEL  125. DISTANCE BELOW GRADE LEVEL  126. DISTANCE BELOW GRADE LEVEL  127. DISTANCE BELOW GRADE LEVEL  128. NO  129. PROPERLY CONNECTED TO DOWN CONDUCTORS  129. GROUNDING ELECTRODES  120. TYPE  120. GROUNDING ELECTRODES  121. PROPERLY CONNECTED TO DOWN CONDUCTORS  129. GROUNDING ELECTRODES  120. TYPE  120. GR	LIGHTNING PROTECTION GROUNDING SUBSYSTEM CHECKLIST FOR EXISTING FACILITIES  For use of this form, see TM 5-690; the proponent agency is COE.					
5. SKETCH THE LAYOUT OF THE ACTUAL LIGHTNING PROTECTION SUBSYSTEM (Or attach an up-to-date engineering drawing if it exists)  6. ALL LIGHTNING PROTECTION EQUIPMENT UL LABELED    Yes	1. FACILITY		2. DA	ATE (YYYYMMDD)		
6. ALL LIGHTNING PROTECTION EQUIPMENT UL LABELED  VES  NO  3. AIR TERMINALS  8a. HEIGHT  8b. MATERIAL  8c. SIZE (Diameter)  8a. FROPER BASES/FITTINGS  9c. PROPERLY INSTALLED  9c. SECURELY AND SPACED AND SPACED AS SPECIFIED  VES  NO  9c. PROPER BASES/FITTINGS  9c. PROPERLY INSTALLED  9c. MATERIAL  8d. PROPER BASES/FITTINGS  9c. PROPERLY INSTALLED  9c. MATERIAL  10c. MATERIAL  10c. BEND RADIUS ACCEPTABLE  VES  NO  9c. PROPERLY INTERCONNECTED TO OTHER CROSS ROOF CONDUCTORS  9c. PROPERLY INTERCONNECTED TO OTHER CROSS ROOF CONDUCTORS  9c. PROPERLY INTERCONNECTED TO OTHER CROSS ROOF CONDUCTORS  10c. SECURELY ANCHORED  10c. MATERIAL  10d. BEND RADIUS ACCEPTABLE  VES  NO  10e. SECURELY ANCHORED  10f. PROPERLY BONDED TO ROOF CONDUCTORS/AIR TERMINALS AND GROUNDING ELECTRODES  10d. PROPERLY BONDED TO ROOF CONDUCTORS/AIR TERMINALS AND GROUNDING ELECTRODES  10d. PROPERLY BONDED TO ROOF CONDUCTORS/AIR TERMINALS AND GROUNDING ELECTRODES  11a. TYPE  11b. SOLIDLY ANCHORED  11c. LENGTH (Each)  12c. LENGTH (Each)  12d. FORM COUNTERPOISE LOOP  VES  NO  12d. FORM COUNTERPOISE LOOP  VES  NO  12d. PROPERLY INSTALLED  VES  NO  12d. FORM COUNTERPOISE LOOP  VES  NO  12d. PROPERLY CONNECTED TO OTHER GROUNDING SYSTEMS OF THE BUILDING  VES  NO  12d. PROPERLY CONNECTED TO OTHER GROUNDING SYSTEMS OF THE BUILDING  VES  NO  12d. PROPERLY CONNECTED TO OTHER GROUNDING SYSTEMS OF THE BUILDING  VES  NO  12d. PROPERLY CONNECTED TO OTHER GROUNDING SYSTEMS OF THE BUILDING  12d. PROPERLY CONNECTED TO OTHER GROUNDING SYSTEMS OF THE BUILDING  12d. PROPERLY CONNECTED TO OTHER GROUNDING SYSTEMS OF THE BUILDING  12d. PROPERLY CONNECTED TO OTHER GROUNDING SYSTEMS OF THE BUILDING	3. LOCATION		4. IN	4. INSPECTOR		
BUILDING  YES NO  8. AIR TERMINALS  8a. HEIGHT  8b. MATERIAL  8c. SIZE (Diameter)  8d. PROPER BASES/FITTINGS  8e. PROPERLY INSTALLED  YES NO  9g. DOES THE HEIGHT OF AIR TERMINALS PROVIDE PROPER CONE OF PROTECTION  9g. DOES THE HEIGHT OF AIR TERMINALS PROVIDE PROPER CONE OF PROTECTION  9g. PROPERLY SONDED TO AIR TERMINALS PROVIDE PROPER CONE OF PROTECTION  9g. ROOF CONDUCTORS  9g. TYPE  9b. SIZE  9c. MATERIAL  9d. BEND RADIUS ACCEPTABLE  9e. SECURELY FASTENED  9f. PROPER FITTINGS  YES NO  9g. PROPERLY INTERCONNECTED TO OTHER CROSS ROOF CONDUCTORS  9g. PROPERLY INTERCONNECTED TO OTHER CROSS ROOF CONDUCTORS  10a. TYPE  10b. SIZE  10c. MATERIAL  10d. BEND RADIUS ACCEPTABLE  YES NO  10e. SECURELY ANCHORED  YES NO  10e. SECURELY ANCHORED  YES NO  10f. PROPERLY BONDED TO ROOF CONDUCTORS/AIR TERMINALS AND GROUNDING ELECTRODES  NO  10f. PROPERLY BONDED TO ROOF CONDUCTORS/AIR TERMINALS AND GROUNDING ELECTRODES  10a. TYPE  11b. SOLIDLY ANCHORED  YES NO  10c. PHYSICAL CONDITION  11. GUARDS  11a. TYPE  11b. SOLIDLY ANCHORED  YES NO  10c. PHYSICAL CONDITION  11c. GROUNDING ELECTRODES  12a. TYPE  12b. SIZE  12c. LENGTH (Each)  12d. FORM COUNTERPOISE LOOP  YES NO  12b. PROPERLY CONNECTED TO DOWN CONDUCTORS  12j. GROUND RESISTANCE MEASUREMENT	5. SKETCH THE LAYOUT OF THE ACT	TUAL LIGHTNING PROTEC	TION SUBSYSTEM (Or	attach an up-to-date engineering dra	awing if it exists)	
BUILDING  YES NO  8. AIR TERMINALS  8a. HEIGHT  8b. MATERIAL  8c. SIZE (Diameter)  8d. PROPER BASES/FITTINGS  8e. PROPERLY INSTALLED  YES NO  9g. DOES THE HEIGHT OF AIR TERMINALS PROVIDE PROPER CONE OF PROTECTION  9g. DOES THE HEIGHT OF AIR TERMINALS PROVIDE PROPER CONE OF PROTECTION  9g. PROPERLY SONDED TO AIR TERMINALS PROVIDE PROPER CONE OF PROTECTION  9g. ROOF CONDUCTORS  9g. TYPE  9b. SIZE  9c. MATERIAL  9d. BEND RADIUS ACCEPTABLE  9e. SECURELY FASTENED  9f. PROPER FITTINGS  YES NO  9g. PROPERLY INTERCONNECTED TO OTHER CROSS ROOF CONDUCTORS  9g. PROPERLY INTERCONNECTED TO OTHER CROSS ROOF CONDUCTORS  10a. TYPE  10b. SIZE  10c. MATERIAL  10d. BEND RADIUS ACCEPTABLE  YES NO  10e. SECURELY ANCHORED  YES NO  10e. SECURELY ANCHORED  YES NO  10f. PROPERLY BONDED TO ROOF CONDUCTORS/AIR TERMINALS AND GROUNDING ELECTRODES  NO  10f. PROPERLY BONDED TO ROOF CONDUCTORS/AIR TERMINALS AND GROUNDING ELECTRODES  10a. TYPE  11b. SOLIDLY ANCHORED  YES NO  10c. PHYSICAL CONDITION  11. GUARDS  11a. TYPE  11b. SOLIDLY ANCHORED  YES NO  10c. PHYSICAL CONDITION  11c. GROUNDING ELECTRODES  12a. TYPE  12b. SIZE  12c. LENGTH (Each)  12d. FORM COUNTERPOISE LOOP  YES NO  12b. PROPERLY CONNECTED TO DOWN CONDUCTORS  12j. GROUND RESISTANCE MEASUREMENT	6. ALL LIGHTNING PROTECTION FOU	IPMENT UI LABELED	7. UI MASTER I	ABEL ISSUED AND PROPERLY ATT	FACHED TO THE	
8b. MATERIAL  8b. MATERIAL  8c. SIZE (Diameter)  8d. PROPER BASES/FITTINGS  8e. PROPERLY INSTALLED  9f. LOCATED AND SPACED AS SPECIFIED  YES NO  9g. DOES THE HEIGHT OF AIR TERMINALS PROVIDE PROPER CONE OF PROTECTION  YES NO  9 ROOF CONDUCTORS  9 ROOF CONDUCTORS  9 DEBUTE AND SIZE  10 DEBUTE AND SPACED AS SPECIFIED  YES NO  10 D					7.0	
8d.   PROPER BASES/FITTINGS	8. AIR TERMINALS					
YES	8a. HEIGHT	8b. MATERIAL	-	8c. SIZE (Diameter)	8c. SIZE (Diameter)	
8g. DOES THE HEIGHT OF AIR TERMINALS PROVIDE PROPER CONE OF PROTECTION   Sh. PHYSICAL CONDITION   YES   NO   NO   NO   NO   YES   YE		8e. PROPERLY	INSTALLED	8f. LOCATED AND SPACE	8f. LOCATED AND SPACED AS SPECIFIED	
9. ROOF CONDUCTORS  9a. TYPE  9b. SIZE  9c. MATERIAL  9d. BEND RADIUS ACCEPTABLE  9e. SECURELY FASTENED  9f. PROPER FITTINGS  9g. PROPERLY INTERCONNECTED TO OTHER CROSS ROOF CONDUCTORS  9g. PROPERLY INTERCONNECTED TO OTHER CROSS ROOF CONDUCTORS  10a. TYPE  10b. SIZE  10c. MATERIAL  10d. BEND RADIUS ACCEPTABLE  YES  NO  10e. SECURELY ANCHORED  YES  NO  10f. PROPER FITTINGS  10g. LOCATED AND SPACED AS SPECIFIED  YES  NO  10h. PROPERLY BONDED TO ROOF CONDUCTORS/AIR TERMINALS AND GROUNDING ELECTRODES  YES  NO  10i. PHYSICAL CONDITION  11. GUARDS  11a. TYPE  11b. SOLIDLY ANCHORED  12c. LENGTH (Each)  12d. FORM COUNTERPOISE LOOP  YES  NO  12b. PROPERLY CONNECTED TO OTHER GROUNDING SYSTEMS OF THE BUILDING  YES  NO  12i. PROPERLY CONNECTED TO DOWN CONDUCTORS  12j. GROUND RESISTANCE MEASUREMENT						
9d. BEND RADIUS ACCEPTABLE  YES  NO  YES  NO  YES  NO  9g. PROPERLY BONDED TO AIR TERMINALS AND OTHER METAL OBJECTS ON ROOF  YES  NO  9h. PROPERLY INTERCONNECTED TO OTHER CROSS ROOF CONDUCTORS  10. DOWN CONDUCTORS  10a. TYPE  10b. SIZE  10c. MATERIAL  10d. BEND RADIUS ACCEPTABLE  YES  NO  10e. SECURELY ANCHORED  YES  NO  10h. PROPERLY BONDED TO ROOF CONDUCTORS  10h. PROPERLY BONDED TO ROOF CONDUCTORS/AIR TERMINALS AND GROUNDING ELECTRODES  YES  NO  10i. PHYSICAL CONDITION  11. GUARDS  11a. TYPE  11b. SOLIDLY ANCHORED  12c. LENGTH (Each)  12d. FORM COUNTERPOISE LOOP  YES  NO  12h. PROPERLY CONNECTED TO OTHER GROUNDING SYSTEMS OF THE BUILDING  YES  NO  12i. PROPERLY CONNECTED TO DOWN CONDUCTORS  12j. GROUND RESISTANCE MEASUREMENT	YES NO	NALS PROVIDE PROPER C	ONE OF PROTECTION	8h. PHYSICAL CONDITION		
9g. PROPERLY BONDED TO AIR TERMINALS AND OTHER METAL OBJECTS ON ROOF  YES NO  9h. PROPERLY INTERCONNECTED TO OTHER CROSS ROOF CONDUCTORS  9h. PHYSICAL CONDITION  10o. DOWN CONDUCTORS  10o. MATERIAL  10d. BEND RADIUS ACCEPTABLE  YES NO  10g. LOCATED AND SPACED AS SPECIFIED  YES NO  10h. PROPERLY BONDED TO ROOF CONDUCTORS/AIR TERMINALS AND GROUNDING ELECTRODES  YES NO  10i. PHYSICAL CONDITION  11. GUARDS  11a. TYPE  11b. SOLIDLY ANCHORED  YES NO  12c. LENGTH (Each)  12d. FORM COUNTERPOISE LOOP  YES NO  12e. DISTANCE BELOW GRADE LEVEL  12f. DISTANCE FROM OUTER WALL  12g. PROPERLY INSTALLED  YES NO  12h. PROPERLY CONNECTED TO OTHER GROUNDING SYSTEMS OF THE BUILDING  YES NO  12j. GROUND RESISTANCE MEASUREMENT	9a. TYPE	9b. SIZE		9c. MATERIAL	9c. MATERIAL	
9g. PROPERLY BONDED TO AIR TERMINALS AND OTHER METAL OBJECTS ON ROOF  YES NO  9h. PROPERLY INTERCONNECTED TO OTHER CROSS ROOF CONDUCTORS  YES NO  10. DOWN CONDUCTORS  10a. TYPE 10b. SIZE 10c. MATERIAL 10d. BEND RADIUS ACCEPTABLE  YES NO  10e. SECURELY ANCHORED 10f. PROPER HITTINGS 10g. LOCATED AND SPACED AS SPECIFIED  YES NO  10h. PROPERLY BONDED TO ROOF CONDUCTORS/AIR TERMINALS AND GROUNDING ELECTRODES  YES NO  10i. PHYSICAL CONDITION  11. GUARDS  11a. TYPE 11b. SOLIDLY ANCHORED 10c. PHYSICAL CONDITION  12a. TYPE 12b. SIZE 12c. LENGTH (Each) 12d. FORM COUNTERPOISE LOOP  YES NO  12e. DISTANCE BELOW GRADE LEVEL 12f. DISTANCE FROM OUTER WALL 12g. PROPERLY INSTALLED  YES NO  12i. PROPERLY CONNECTED TO OTHER GROUNDING SYSTEMS OF THE BUILDING  YES NO  12j. GROUND RESISTANCE MEASUREMENT		9e. SECURELY	FASTENED	9f. PROPER FITTINGS		
9h. PROPERLY INTERCONNECTED TO OTHER CROSS ROOF CONDUCTORS 9h. PROPERLY INTERCONNECTED TO OTHER CROSS ROOF CONDUCTORS 9h. PROPERLY INTERCONNECTED TO OTHER CROSS ROOF CONDUCTORS  10. DOWN CONDUCTORS  10. DOWN CONDUCTORS  10. MATERIAL  10. BEND RADIUS ACCEPTABLE  YES NO  10. DOWN CONDUCTORS  10. LOCATED AND SPACED AS SPECIFIED  YES NO  10. PROPERLY BONDED TO ROOF CONDUCTORS/AIR TERMINALS AND GROUNDING ELECTRODES  YES NO  10. PHYSICAL CONDITION  11. GUARDS 11a. TYPE  11b. SOLIDLY ANCHORED  YES NO  12c. LENGTH (Each)  12d. FORM COUNTERPOISE LOOP  YES NO  12e. DISTANCE BELOW GRADE LEVEL  12f. DISTANCE FROM OUTER WALL  12g. PROPERLY INSTALLED  YES NO  12i. PROPERLY CONNECTED TO OTHER GROUNDING SYSTEMS OF THE BUILDING  YES NO  12j. GROUND RESISTANCE MEASUREMENT				YES 1	10	
10a. TYPE	YES NO 9h. PROPERLY INTERCONNECTED TO			YSICAL CONDITION		
106. SECURELY ANCHORED 10f. PROPER FITTINGS 10g. LOCATED AND SPACED AS SPECIFIED YES NO  10h. PROPERLY BONDED TO ROOF CONDUCTORS/AIR TERMINALS AND GROUNDING ELECTRODES  YES NO  10i. PHYSICAL CONDITION  11. GUARDS  11a. TYPE 11b. SOLIDLY ANCHORED 10c. PHYSICAL CONDITION  12. GROUNDING ELECTRODES  12a. TYPE 12b. SIZE 12c. LENGTH (Each) 12d. FORM COUNTERPOISE LOOP YES NO  12e. DISTANCE BELOW GRADE LEVEL 12f. DISTANCE FROM OUTER WALL 12g. PROPERLY INSTALLED YES NO  12h. PROPERLY CONNECTED TO OTHER GROUNDING SYSTEMS OF THE BUILDING  YES NO  12i. PROPERLY CONNECTED TO DOWN CONDUCTORS 12j. GROUND RESISTANCE MEASUREMENT						
YES NO YES NO YES NO  10h. PROPERLY BONDED TO ROOF CONDUCTORS/AIR TERMINALS AND GROUNDING ELECTRODES  YES NO  10i. PHYSICAL CONDITION  11. GUARDS  11a. TYPE 11b. SOLIDLY ANCHORED YES NO  12. GROUNDING ELECTRODES  12a. TYPE 12b. SIZE 12c. LENGTH (Each) 12d. FORM COUNTERPOISE LOOP YES NO  12e. DISTANCE BELOW GRADE LEVEL 12f. DISTANCE FROM OUTER WALL 12g. PROPERLY INSTALLED YES NO  12h. PROPERLY CONNECTED TO OTHER GROUNDING SYSTEMS OF THE BUILDING  YES NO  12i. PROPERLY CONNECTED TO DOWN CONDUCTORS 12j. GROUND RESISTANCE MEASUREMENT	10a. TYPE 10b. SIZE		10c. MATERIAL	YES	NO	
10h. PROPERLY BONDED TO ROOF CONDUCTORS/AIR TERMINALS AND GROUNDING ELECTRODES  YES NO  10i. PHYSICAL CONDITION  11. GUARDS  11a. TYPE 11b. SOLIDLY ANCHORED 10c. PHYSICAL CONDITION  12. GROUNDING ELECTRODES  12a. TYPE 12b. SIZE 12c. LENGTH (Each) 12d. FORM COUNTERPOISE LOOP YES NO  12e. DISTANCE BELOW GRADE LEVEL 12f. DISTANCE FROM OUTER WALL 12g. PROPERLY INSTALLED YES NO  12h. PROPERLY CONNECTED TO OTHER GROUNDING SYSTEMS OF THE BUILDING  YES NO  12i. PROPERLY CONNECTED TO DOWN CONDUCTORS 12j. GROUND RESISTANCE MEASUREMENT		I —	<del></del>		7	
10i. PHYSICAL CONDITION  11. GUARDS  11a. TYPE  11b. SOLIDLY ANCHORED  YES  NO  12. GROUNDING ELECTRODES  12a. TYPE  12b. SIZE  12c. LENGTH (Each)  12d. FORM COUNTERPOISE LOOP  YES  NO  12e. DISTANCE BELOW GRADE LEVEL  12f. DISTANCE FROM OUTER WALL  12g. PROPERLY INSTALLED  YES  NO  12h. PROPERLY CONNECTED TO OTHER GROUNDING SYSTEMS OF THE BUILDING  YES  NO  12i. PROPERLY CONNECTED TO DOWN CONDUCTORS  12j. GROUND RESISTANCE MEASUREMENT	10h. PROPERLY BONDED TO ROOF C				NO	
11a. TYPE  11b. SOLIDLY ANCHORED YES NO  12c. GROUNDING ELECTRODES  12a. TYPE  12b. SIZE  12c. LENGTH (Each)  12d. FORM COUNTERPOISE LOOP YES NO  12e. DISTANCE BELOW GRADE LEVEL  12f. DISTANCE FROM OUTER WALL  12g. PROPERLY INSTALLED YES NO  12h. PROPERLY CONNECTED TO OTHER GROUNDING SYSTEMS OF THE BUILDING YES NO  12i. PROPERLY CONNECTED TO DOWN CONDUCTORS  12j. GROUND RESISTANCE MEASUREMENT						
12a. TYPE 12b. SIZE 12c. LENGTH (Each) 12d. FORM COUNTERPOISE LOOP  12e. DISTANCE BELOW GRADE LEVEL 12f. DISTANCE FROM OUTER WALL 12g. PROPERLY INSTALLED  12h. PROPERLY CONNECTED TO OTHER GROUNDING SYSTEMS OF THE BUILDING  12i. PROPERLY CONNECTED TO DOWN CONDUCTORS 12j. GROUND RESISTANCE MEASUREMENT						
12a. TYPE 12b. SIZE 12c. LENGTH (Each) 12d. FORM COUNTERPOISE LOOP  YES NO  12e. DISTANCE BELOW GRADE LEVEL 12f. DISTANCE FROM OUTER WALL 12g. PROPERLY INSTALLED  YES NO  12h. PROPERLY CONNECTED TO OTHER GROUNDING SYSTEMS OF THE BUILDING  YES NO  12i. PROPERLY CONNECTED TO DOWN CONDUCTORS 12j. GROUND RESISTANCE MEASUREMENT	YES		<del>-</del>			
12e. DISTANCE BELOW GRADE LEVEL 12f. DISTANCE FROM OUTER WALL 12g. PROPERLY INSTALLED YES NO  12h. PROPERLY CONNECTED TO OTHER GROUNDING SYSTEMS OF THE BUILDING  YES NO  12i. PROPERLY CONNECTED TO DOWN CONDUCTORS 12j. GROUND RESISTANCE MEASUREMENT						
YES NO  12i. PROPERLY CONNECTED TO DOWN CONDUCTORS  12j. GROUND RESISTANCE MEASUREMENT				YES NO UTER WALL 12g. PROPERLY INSTALLED		
12i. PROPERLY CONNECTED TO DOWN CONDUCTORS 12j. GROUND RESISTANCE MEASUREMENT						
		/N CONDUCTORS	12j. GROUND	RESISTANCE MEASUREMENT		