

AIRCRAFT MOORING - MAINTENANCE PRACTICES

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures for the aircraft mooring.
- B. The procedures in this section are given in the sequence below. The tasks identified with (◆) are part of the Scheduled Maintenance Requirements Document (SMRD).

<i>TASK NUMBER</i>	<i>DESCRIPTION</i>	<i>EFFECTIVITY</i>
10-20-01-500-801-A	AIRCRAFT MOORING	ALL

TASK 10-20-01-500-801-A

EFFECTIVITY: ALL

2. AIRCRAFT MOORING

A. General

- (1) The tiedown rings (two) are installed one in each primary brace strut of the main landing gear.
- (2) The procedures to moor the aircraft are used when the weather conditions are bad or unknown.
- (3) This procedure is valid to moor the aircraft under the steady wind speed up to 65 kts (120 km/h)

NOTE: The procedure does not give instructions for typhoons or tornados, under these conditions, the ACFT should be ferried to other bases.

B. References

REFERENCE	DESIGNATION
AMM TASK 09-10-00-500-801-A/200	AIRCRAFT TOWING
AMM TASK 09-10-01-500-801-A/200	-
AMM TASK 10-10-01-500-801-A/200	AIRCRAFT NORMAL PARKING

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
GSE 010	Mooring Fitting	Used with the rope	
Commercially available	Nylon rope	Mooring of the aircraft	

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Mooring of the aircraft

I. Preparation

SUBTASK 841-002-A

- (1) Tow the aircraft to the parking area where you have tiedown anchors ([AMM TASK 09-10-00-500-801-A/200](#)) or (AMM TASK 09-10-01-500-801-A/200) as applicable.
- (2) Do the normal parking procedures ([AMM TASK 10-10-01-500-801-A/200](#)).

J. Mooring ([Figure 201](#)) ([Figure 202](#))

SUBTASK 580-002-A

- (1) Hold the aircraft in the parking area with nylon ropes. The table that follows gives the loads that the cable should resist:

Table 201 - CABLE LOAD

LOCATION	LOAD
NLG	17000 N (3822 lbf)
MLG	50000 N (11240 lbf)

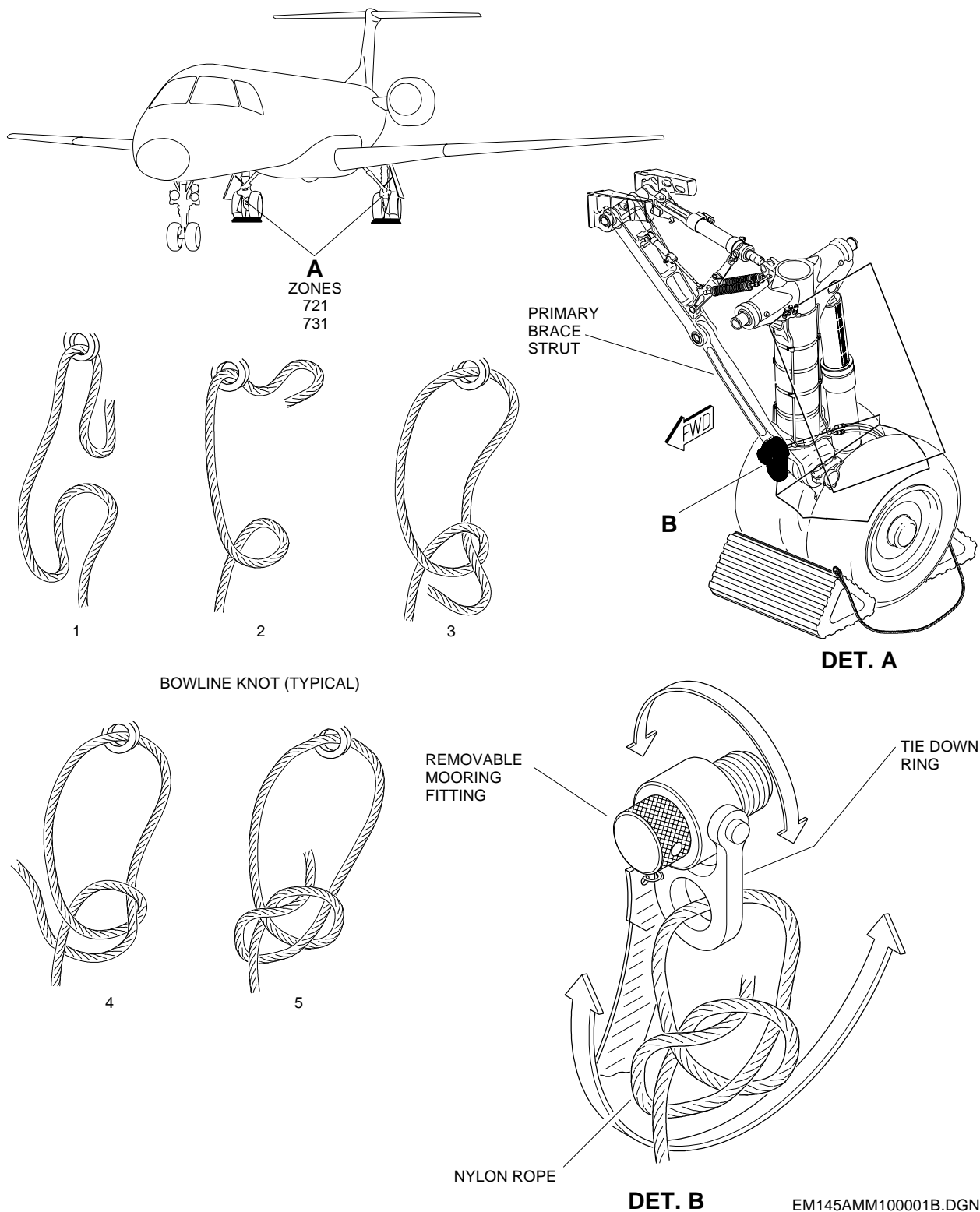
WARNING: DO NOT USE SLIP KNOTS TO ATTACH THE ROPES.

- (2) For MLG:
 - (a) Attach the tiedown rings on the MLG (LH and RH). Refer to [Figure 201](#).
 - (b) Attach the rope to the tiedown rings. Refer to [Figure 201](#).
 - (c) Attach the anchor with a bowline knot. Refer to [Figure 201](#).
- (3) For NLG:
 - (a) Attach the rope to the towbar attachment. Refer to [Figure 202](#).
 - (b) Attach the anchor with a bowline knot. Refer to [Figure 202](#).

EFFECTIVITY: ALL

Aircraft Mooring

Figure 201

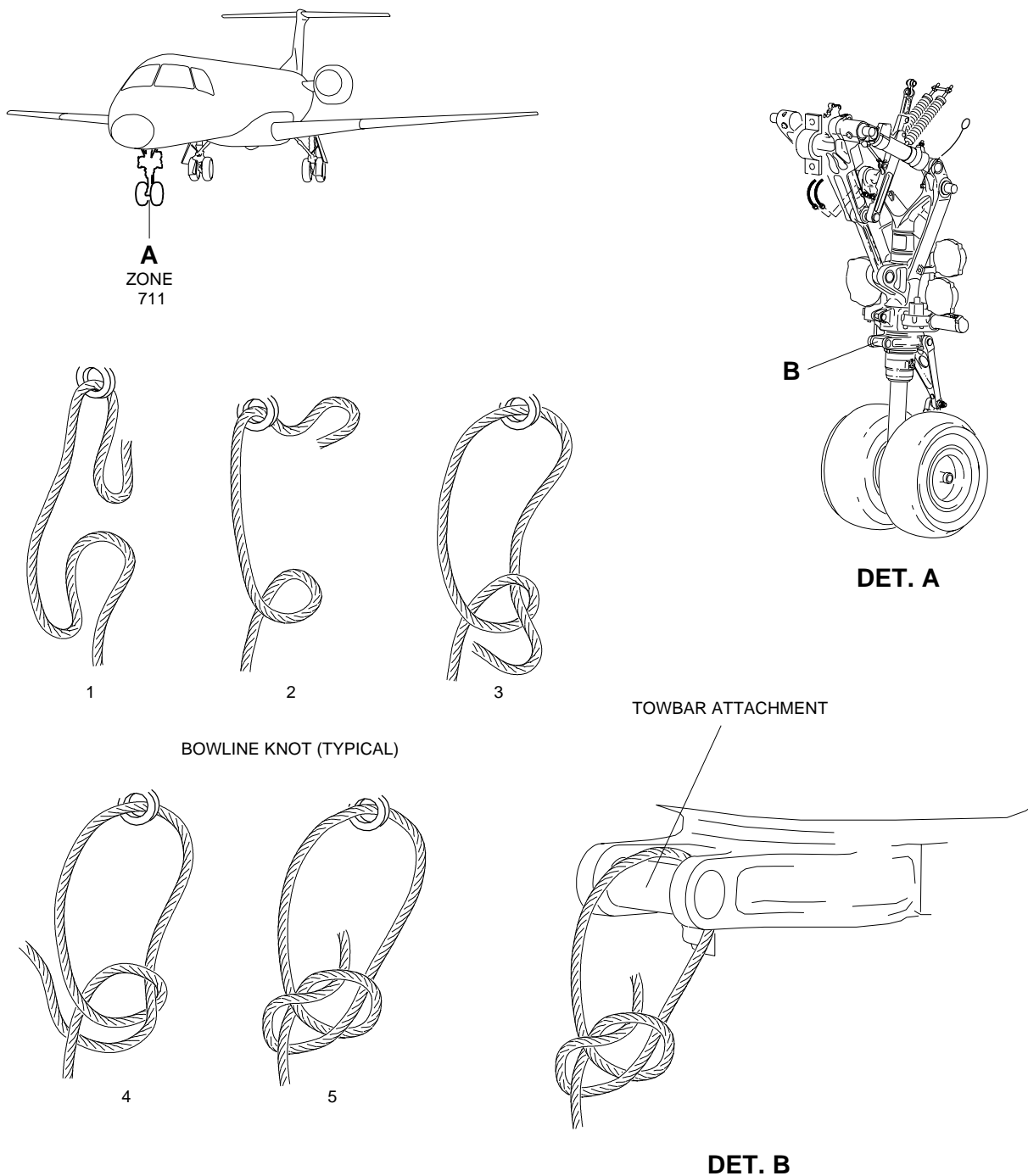


EM145AMM100001B.DGN

EFFECTIVITY: ALL

Aircraft Mooring

Figure 202



EM145AMM100017A.DGN

