

Require Doctor serious injury	Require Medical Supplies	Unable To Proceed	Require Food and Water	Require Firearms AND Ammo	Indicate Direction To Proceed
Am Proceeding in this direction	Will Attempt Take Off	Aircraft Badly Damaged	Probably Safe to Land Here	All Well	Require Fuel and Oil
No	Yes	Not Understood	Require Mechanic	Require Map and Compass	Require Signal Lamp with Battery and Radio

If in doubt, use international symbol — **SOS**

Number	Message	Code symbol
1	Require assistance.	∨
2	Require medical assistance.	X
3	No or negative.	N
4	Yes or affirmative.	Y
5	Proceed in this direction.	↑

Figure 19-6. Ground-to-air emergency code (pattern signals).

Pattern Signal Size and Ratio

Shape (maintain straight lines and sharp corners).
 Contrast (use color and shadows).
 At least 8 feet tall.

- If you can contact an aircraft with a radio, guide the pilot to your location. Use the following general format to guide the pilot:
- Mayday, Mayday.
 - Call sign (if any).
 - Name.
 - Location.
 - Number of survivors.
 - Available landing sites.
 - Any remarks such as medical aid or other specific types of help needed immediately.

MESSAGE RECEIVED AND UNDERSTOOD
 Aircraft will indicate that ground signals have been seen and understood by:

Day or night: Flashing from nose to tail.

Night: Making green flashes with signal lamp.

MESSAGE RECEIVED BUT NOT UNDERSTOOD
 Aircraft will indicate that ground signals have been seen but not understood by:

Day or night: Making a complete right hand circle.

Night: Making red flashes with signal lamp.

Figure 19-7. Aircraft acknowledgments.

Can proceed shortly; wait if practicable.	Land here (point in direction of landing).	Need mechanical help or parts; long delay.	
All OK; do not wait.	Do not attempt to land here.	Pick us up; aircraft abandoned.	Use drop message.
Affirmative (yes).	Negative (no).	Our receiver is operating.	Need medical assistance urgently .

Figure 19-7. Body signals.

Letter	Phonetic Name	Vocal Imitation
A	ALFA	di DAH
B	BRAVO	DAH di di dit
C	CHARLIE	DAH di DAH dit
D	DELTA	DAH di dit
E	ECHO	dit
F	FOXTROT	di di DAH dit
G	GOLF	DAH DAH dit
H	HOTEL	di di di dit
I	INDIA	di dit
J	JULIETT	di DAH DAH DAH
K	KILO	DAH di DAH
L	LIMA	di DAH di dit
M	MIKE	DAH DAH
N	NOVEMBER	DAH dit
O	OSCAR	DAH DAH DAH
P	PAPA	di DAH DAH dit
Q	QUEBEC	DAH DAH di DAH
R	ROMEO	di DAH dit
S	SIERRA	di di dit
T	TANGO	DAH
U	UNIFORM	di di DAH
V	VICTOR	di di di DAH
W	WHISKEY	di DAH DAH
X	XRAY	DAH di di DAH
Y	YANKEE	DAH di DAH DAH
Z	ZULU	DAH DAH di dit
1	WUN	di DAH DAH DAH DAH
2	TOO	di di DAH DAH DAH
3	TREE	di di di DAH DAH
4	FOW-er	di di di di DAH
5	FIFE	di di di di dit

On land and at sea: O.K. to land. Arrow shows landing direction.	On land and at sea: Need medical attention.	On land and at sea: Do not attempt landing.
On land and at sea: Need first aid supplies.	On land and at sea: Plane is flyable; need tools.	On land: Need gas and oil; plane is flyable.
On land: Need warm clothing. At sea: Need exposure suit or clothing indicated.	On land: Indicate direction of nearest civilization. At sea: Indicate direction of rescue craft.	Have abandoned plane. On land: Walking in this direction. At sea: Drifting.
On land and at sea: Need food and water.	On land: Should we wait for rescue plane? At sea: Notify rescue agency of my position.	At sea: Need equipment as indicated. Signals follow.
	Survivors use life raft sails to convey signals.	
On land: Need quinine or Atabrine. At sea: Need sun cover.	Blue	Yellow

Figure 19-8. Panel signals.