

# MODAF. SV-10b Resource State Transition Description

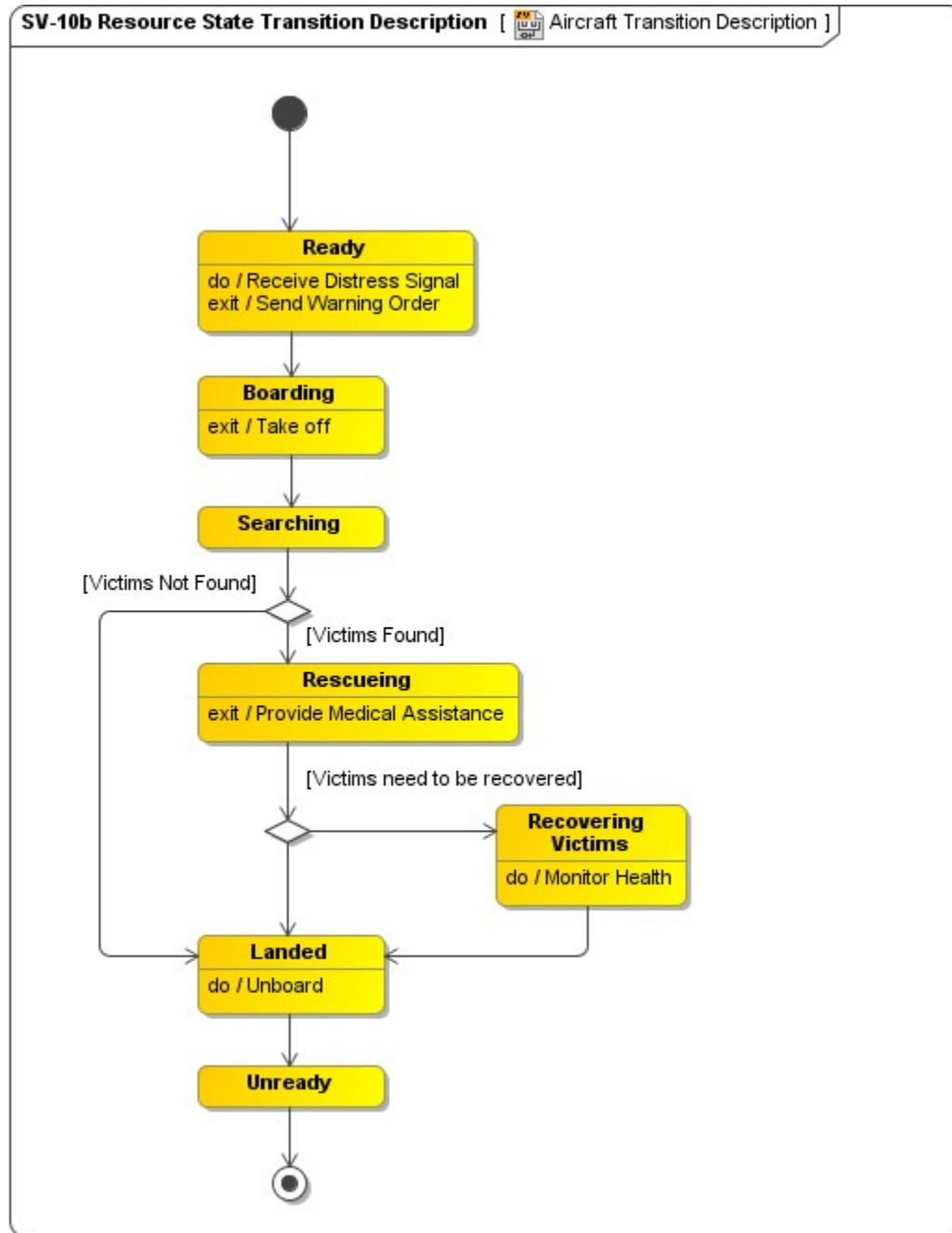
## Description

The Resource State Transition Description (SV-10b) is a graphical method of describing a ResourceType's (or Function's) response to various events by changing its state. The diagram basically represents the sets of events to which the subjects will respond (by taking an action to move to a new state) as a function of its current state. Each transition specifies an event and an action.

## Implementation

SV-10b can be represented using a UML State Machine diagram.

## Sample



SV-10b Resource State Transition Description

## Related views

An SV-10a describes constraints on resources, functions, and data that make up the SV physical architecture.

Where a Resource Constraint is based on some standard, then that standard should be listed in the Standards Profile (TV-1).

**Related elements**

- [Resource State Description](#)
- [State](#)
- [Resource Artifact](#)
- [Software](#)
- [Capability Configuration](#)
- [Organization](#)
- [Post](#)

**Related procedures**

- [Allocate Activities to State Internal Behaviors](#)