

| Current State | Message Received | Message published to thrown topic | Message published to closed topic | Message published to mid point topic | New State | Notes |
|-----------------------|-------------------|-----------------------------------|-----------------------------------|--------------------------------------|-----------------------|-------------------------------------|
| Undefined | Move to THROWN | INACTIVE | INACTIVE | OFF | Moving towards THROWN | Servo starts moving towards THROWN. |
| | Move to CLOSED | INACTIVE | INACTIVE | OFF | Moving towards CLOSED | Servo starts moving towards CLOSED. |
| THROWN | Move to THROWN | INACTIVE | INACTIVE | OFF | Moving towards THROWN | Servo would not normally move. |
| | Move to CLOSED | INACTIVE | INACTIVE | OFF | Moving towards CLOSED | Servo starts moving towards CLOSED. |
| Moving towards CLOSED | Move to THROWN | INACTIVE | INACTIVE | OFF | Moving towards THROWN | Servo reverses direction. |
| | Move to CLOSED | INACTIVE | INACTIVE | OFF | Moving towards CLOSED | No state change. |
| | Reached mid point | INACTIVE | INACTIVE | ON | Moving towards CLOSED | No state change. |
| | Reached CLOSED | INACTIVE | ACTIVE | ON | CLOSED | Servo stops moving. |
| CLOSED | Move to THROWN | INACTIVE | INACTIVE | ON | Moving towards THROWN | Servo starts moving towards THROWN. |
| | Move to CLOSED | INACTIVE | INACTIVE | ON | Moving towards CLOSED | Servo would not normally move. |
| Moving towards THROWN | Move to THROWN | INACTIVE | INACTIVE | ON | Moving towards THROWN | No state change. |
| | Move to CLOSED | INACTIVE | INACTIVE | ON | Moving towards CLOSED | Servo reverses direction. |
| | Reached mid point | INACTIVE | INACTIVE | OFF | Moving towards THROWN | No state change. |
| | Reached THROWN | ACTIVE | INACTIVE | OFF | THROWN | Servo stops moving. |