```
function output = dynamicSoaringEndpoint(input)

x0                = input.phase.initialstate;
xf                = input.phase.finalstate;

% % % beta              = input.parameter;
% % % output.objective = beta;

q                 = input.phase.integral;
output.objective = q;

output.eventgroup.event = [xf(4)-x0(4), xf(5)-x0(5), xf(6)-x0(6)];
```