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# Documentation

## Table of Contents

0. Unit Conversions .....	1
1. Initialization .....	1

Engine burn simulation script BJ-01 Hybrid Engine Development - HDPE + N2O Written by Dan Zanko - 09/12/2019  
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STRUCTURE OF SCRIPT 0. Unit conversion constants 1. Initialization of constants and vectors

## 0. Unit Conversions

```
PSItoPa = 6894.74; %[psi to Pa]
LBFtoN = 4.44822; %[lbf to N]
MtoIN = 39.3701; %[m to in]
KGtoLBM = 2.20462; %[kg to lbm]
```

## 1. Initialization

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