

# SOLA3507

Gc`Uf`7Y`g

HYfa %Z&\$&&



7 ci fgY`Cj Yfj ]Yk

GhJZ`7cbHJW`8YhJ]`g

7cbj Ybcfg

BUa Y	9a U]`			

## 7 ci fgY'8YHJ]`g

I b]hg`cZ7 fYX]h\*`

Gi a a UfmcZ`hY'7 ci fgY

h`h]g`Vci fgYžghi XYbhg`k ]` [ U]b`VcH`U`Z` bXUa YbH`UbX`dfUW]W`i bXYfghUbX]b[ `cZ`hY`XYg][ b`UbX`cdYfU]hcb`cZgc`Uf`W`g`"H`Y`Vci fgY`k ]`YbUV`Y`hY`ghi XYbh`c`YI`H`bX`hY]f`\_bck`YX[ Y`cZgYa` ]VcbXi`Wcf`XYj`]W`UbX`dfcj`]XY`U`gci bX`VUg]g`Zcf`U`XYd`i bXYfghUbX]b[ `cZW`ffYbhgc`Uf`W`"h`VXbc`c[ ]Yg"? Ym`dfUW]W`dfcW`ggYg`gi`W`Ug`gc`]X`ghU`H`X]Zi`g]cbž[ Y`hY`f]b[ `UbX`XYj`]W`VcbH]W]b[ `UfY`]bfcXi`W`X`"5`fUb[ Y`cZ`UVcfU`c`fm`VUgYX`UbX`Vca`a`YfW]U`gc`Uf`W`"h`VXbc`c[ ]Yg`UfY`fY`]Yk`YX`hc[ Y`hY`f`k`]h`fY`W`bh`h`VXbc`c[ ]W`U`Xj`UbW`g`]b`hY`Z`Y`X`"H`Y`Vci fgY`a`U`\_Yg`i`gY`cZg]a`i`U]hcb`hc`g`hc`fY]bZcfW`Ub`i`bXYfghUbX]b[ `cZ`XYj`]W`d`m]g]Vg`UbX`hY`X]Z`Y`f`bhgc`Uf`W`"h`VXbc`c[ ]Yg`"H`Y`g]a`i`U]hcb`hc`g`UfY`U`gc`i`gYX`hc`XYg][ b`UbX`cd]a`]nY`U`Xj`UbW`X`gc`Uf`W`g`VcbW`dhg`"H`Y`Vci fgY`]bfcXi`W`g`U`gi`]h`cZfY`Yj`Ubh`W`UfUW]f]g]U]hcb`h`VXb]ei`Yg`h`U`h`UfY`i`gYX`hc`i`bXYfghUbX`hY`W`UfUW]f]g]h]Vg`cZgc`Uf`W`g`]bW`X]b[`gdY`W`U`fY`gdcbgY`ž`h`a`dYfU`h`fY`gYbg]h]`]mž`fY`g]h]`Y`cggY`gž`W`ffYbh[ YbYfU]hcb`UbX`cdYb!W]W`]hj`c`hU[ Yg`

## 7 ci fgY'5]a g

H`Y`VfcU`X`U]a` `cZ`h]g`Vci fgY`]g`hc`dfcj`]XY`hY`ghi XYbhg`k`]h`hY`\_bck`YX[ Y`h`U]h]g`fYei`]fYX`hc`i`bXYfghUbX`hY`XYg][ bž`cdYfU]hcb`UbX`W`UfUW]f]g]U]hcb`cZgc`Uf`W`g`"A`cfY`gdYW]Z]W`m`hY`Vci fgY`U]a`g`hc`.

- 8Yj`Y`cd`k`]h]b`ghi XYbhg`U`Z` bXUa YbH`h`Y`c`fY`h]W`i bXYfghUbX]b[ `cZ`hY`cdYfU]hcb`cZgc`Uf`W`g`/
- 9I`d`cgY`ghi XYbhg`hc`U`k`]XY`fUb[ Y`cZgc`Uf`W`"h`VXbc`c[ ]Ygž`k`\\W`UfY`dfUW]gYX`]b`UVcfU`c`fm`UbX`Vca`a`YfW]U`Ybj`]f`c`b`a`Y`b`hg`/UbX`
- HYUW`gh`XYbhg`hc`i`gY`Uj`U]UV`Y`hc`g`UbX`h`VXb]ei`Yg`hc`W`UfUW]f]gY`gc`Uf`W`g`

## 7 ci fgY`@YUfb]b[ `Ci hWca Yg

5Z`Y`f`gi`W`W`ggZ`m`Wca`d`Y`h]b[ `h]g`Vci fgY`ž`mci`g`lci`X`VY`UV`Y`hc`.

@YUfb]b[ `Ci hWca Y	95`GHJ[ Y`%7`ca`dYh`bW]Yg
%`8YgW]VY`gc`Uf`W`"cdYfU]hcbg`i`g]b[ `d`m]g]W]`UbX`Y`Y`W]W]`a`cXY`g`	D9`%`ž`D9`%`&ž`D9`%` ž`D9`'`&
&`G]a`i`U`hY`gc`Uf`W`"XYj`]W`g`i`g]b[ `bi`a`Yf]W]`a`cXY`g`	D9`%`&ž`D9`%` ž`D9`&`%ž`D9`&`"
'`"8Yg][ b`gc`Uf`W`g`V`mcd]h]a`]g]b[ `dUfUa`Y`hY`fg`Zcf`a`U]`]a`i`a`Y`Z]W]Y`b`W`n`	D9`%`ž`D9`&`"
(`"5bU`mgY`a`YUgi`fYX`W`UfUW]f]g]h]Vg`cZgc`Uf`W`g`hc`XY`h`fa`]bY`gci`fW`g`cZ`cgg`	D9`%`ž`D9`&`"

HYUW`]b[ `G`h`f`U`hY`[ ]Yg`

## 5ggYgga Ybh

5ggYgga YbhUg_	K Y][ \h	8i Y'8UHŸ	7ci fgY'@YUfb]b[ Ci hWca Yg'5ggYggYX
%"9I YfW]gYg	' \$I	K YY_' ž+	%ž&ž' ž(
&"E i ]n	) I	K YY_'%d%\$	%ž&ž'
' "Dfc'YWh	&) I	K YY_'%\$	%ž&ž'
(": ]bU'9I Ua	' \$I	Bch5dd']WVY	&ž'

5ggYgga Ybh%"9I YfW]gYg'

8i Y'XUHŸ. 'K YY\_' ž+

5bU'mg]gž'9j U'i Uh]cb'UbX'8Yg][ b'cZgc`Uf`VW`g

5ggYgga Ybh&."E i ]n

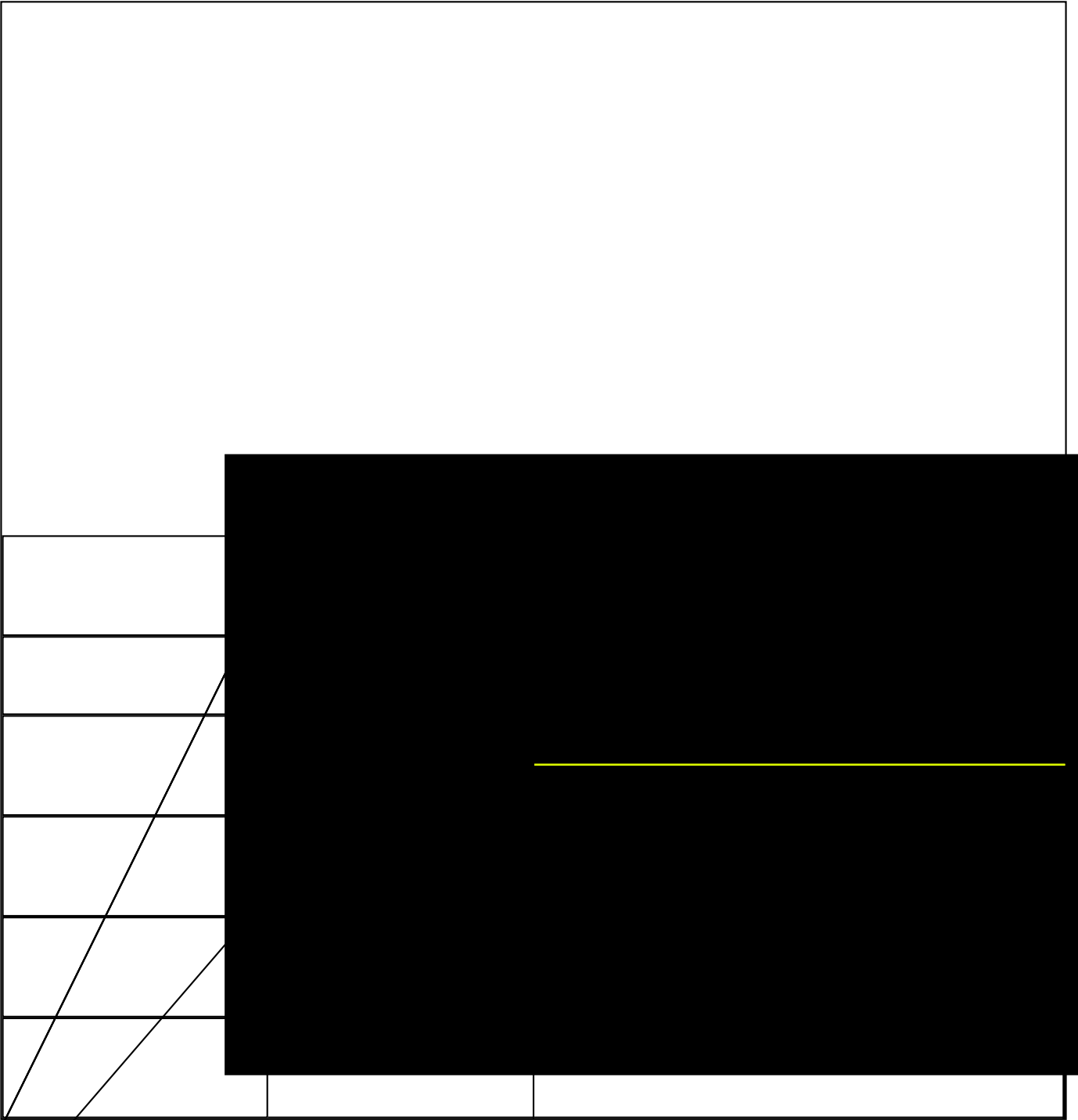
8i Y'XUHŸ. 'K YY\_'%d%\$

@YWh fY'a UHf]U`Zfca `fYgdYWh]j Y'k YY\_"

5ggYgga Ybh' . 'Dfc'YWh

8i Y'XUHŸ. 'K YY\_'%\$

5bU'mg]gž'9j U'i Uh]cb'UbX'8Yg][ b'cZgc`Uf`VW`g



F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

A "5"; fYYb`f%- , &L"Gc`Uf`7Y`g`" F YX`Vcc\_"

\hrg.##k k k "dj YXi Wjhcb"cf[ #

F YWca a YbXYX`F Ygci fWg

@YUfb]b[ `fYgci fWg`Zc`f`h`jg`Wci fgY`]bWi XY.

•H\Y`D7`%8`gcZk UfY`dUW\_U[ Y`]g`]bWi XYX`cb`U`h`Y`Wca di hfg`]b`(%\*`UbX`())

•A "5"; fYYb`f%- , &L"Gc`Uf`7Y`g`" F YX`Vcc\_"

•>YbbmBY`gcbz`"H\Y`D`mg]Wg`cZGc`Uf`7Y`g`"

•D\chcj`c`hU]WGc`Uf`9bYf[ m`: fca` : i bXUa Ybhu`g`hc`5dd`]Wjhcbg

•DYhf`f`K` i fZY`z`D`mg]Wg`cZGc`Uf`7Y`g`

5XX]hcbU`fYZ`fYbW`a Uhf]U`a UXY`Uj`U]UV`Y`hc`gh`XYbfg`j`]U`A`ccX`Y

I`B`G`K` `@]VfUfmk`YVg]hY. \hrg.##k k k "]"VfUfmi`bgk`"YXi`"Ui`#`

A`ccX`Y. \hrg.##a`ccX`Y`h`hi`bgk`"YXi`"Ui`#`c[`]b`#bXYI`"d`d`

## Gi Va ]gg]cb 'cZ'5ggYgga YbhiHUg\_g

K cf\_ 'gi Va ]hYX''UH'k ]h'ci hUb 'Uddfcj YX'YI H'Ybg]cb 'VmihY 'Wci fgY 'Wc'cfX]bU'cf'cf'XY'Y[ UH'X'Ui h'cf]hm]g  
gi V'YWh'c'U''UH'dYbU'hmcZ) i 'a Uf\_'fYXi W]cb'dYf'XUnž'Wc'bg]gh'bhk ]h'c'h'Yf'GDF 99'Wci fgYgž'UbX  
W]ddYX'Uh) 'XUmg'f%&\$'\ci fgž'UZ'Yf'k \]W'U'ghi XYbh'W]bbchgi Va ]h'Ub'UggYgga Yb'h'

H\Y''UH'dYbU'h]g'Udd']YX'dYf'W]YbXUf'XUmf]b'Wl X]b[ 'k YY\_YbXg'UbX'di V']W'c']XUmg'ž'h'Uh'h'Y

## 5 WUXYa ]W< cbYgmiUbX`D`U[ ]Uf]ga

I BGK `Ug`Ub`cb[c]b[ `Wca a ]ha Ybhlc`Zcghf]b[ `U`W`h`fY`cZ`YUfb]b[ `]bZcfa YX`VmiUWUXYa ]W]bhY[ f]m`5`  
I BGK `gh`XYbhg`Uj`Y`U`fYgdcbg]V`]hmlc`UX`YfY`hc`h`g`df]bW]d`Y`cZUWUXYa ]W]bhY[ f]m`D`U[ ]Uf]ga  
i bXYfa ]bYg`UWUXYa ]W]bhY[ f]m]UbX`]g`bchlc`YfUHX`Uhl`BGK`"B`SY[Sde\_`SfG@E|`[e VWX` VW`Se ge[`Y`  
fZWi`ad/e`ad[VWSe`aXafZW`S`V`bSee[`Y`fZW\_`aXSe`kagdai`ž`

D`U[ ]Uf]ga` ]g`U`hmdY`cZ]bhY`YW`i`U`h`YZ`h`h`W]b`h`U`\_`Y`a` UbmZcfa`gž`Zca`XY`]VYfUHX`WX`YU]b[ `hc`UWUXYbH`m`  
W`dm]b[ `Zca`U`gci`fW`k`]h`ci`hUW`bck`YX[`Ya`Ybh`I`BGK` `Ug`dfcXi`WX`U`k`YVg]h`k`]h`U`k`YU`h`cZ`  
fYgci`fW`g`hc`gi`ddcfhgh`XYbhg`hc`i`bXYfgHbX`UbX`Uj`c]X`d`U[ ]Uf]ga`ž` ]g]h`[gh`XYbh`i`bgk`"YXi`"Ui`#d`U\[ \]Uf\]ga`"](#)  
H`Y`@YUfb]b[ `7`YbhY`Ugg]ghg`gh`XYbhg`k`]h`i`bXYfgHbX]b[ `UWUXYa ]W]bhY[ f]m]UbX`ck`bchlc`d`U[ ]Uf]gY`  
H`Y`mi`U`gc`lc`X`k`cf\_g`l`cdg`UbX`W]b`Y`d`gh`XYbhg`cbY!`cb!`cbY`"

Mci`U`fY`U`gc`fYa`]bXYX`h`UhWUfYZ`h`a`Y`a`UbU[`Ya`Ybh]g`Ub`ja`dcfHbhdUfhcZgh`XmiUbX`cbY`cZ`h`Y`  
]XYbh]Z`YX`W]i`gYg`cZ`d`U[ ]Uf]ga` ]g`d`ccf`h`a`Y`a`UbU[`Ya`Ybh`Gh`XYbhg`g`l`ci`X`U`ck`gi`Z`W]Ybh]h`a`Y`Z`c`f`  
fYgYUfW`ž`X`fU]h]b[ `UbX`h`Y`dfcdYf`fY`Z`fY`bW]b[ `cZ`gci`fW`g`]b`dfY`dUf]b[ `U`UggYgga`Ybh]Ug\_g`"

ž`d`U[ ]Uf]ga` ]g`Zci`bX`]b`mci`f`k`cf`\_`k`Y`b`mci`U`fY`]b`Z`fghmY`Ufž`mci`f`YW`h`fYf`k`]`c`Z`Y`f`mci`Ugg]ghU`bW`hc`  
]a`dfcj`Y`mci`f`UWUXYa ]Wg\_]`g`"H`Y`ma`UmUg\_`mci`hc`cc\_`Uhgca`Y`cb`]bY`fYgci`fW`gž`U`h`Y`bX`h`Y`@YUfb]b[  
7`YbhY`ž`cf`gca`Y`h`a`Yg`fYgi`Va`]h`mci`f`k`cf`\_`k`]h`h`Y`dfcV`Ya`Z]`YX`"<ck`Yj`Yf`a`cfY`gYf]ci`g`]bgHbW`g`]b`Z`fgh`  
mY`Ufž`gi`W`Ug`gh`U`]b[ `Ubch`Y`f`gh`XYbhg`k`cf`\_`cf`dU]b[ `gca`YcbY`hc`Xc`mci`f`k`cf`\_`ž`a`UmVY`]bj`Ygh[`UH`X`  
i`bXYf`h`Y`Gh`XYbhA`]gW`bXi`W`h`DfcW`Xi`fYg`"

F`YdYUH`X`d`U[ ]Uf]ga`fYj`Yb`]b`Z`fghmY`Ufž`d`U[ ]Uf]ga`U`Z`Y`f`Z`fghmY`Ufž`cf`gYf]ci`g`]bgHbW`gž`a`UmU`gc`VY`  
]bj`Ygh[`UH`X`i`bXYf`h`Y`Gh`XYbhA`]gW`bXi`W`h`DfcW`Xi`fYg`"H`Y`d`Yb`U`h`Y`gi`bXYf`h`Y`dfcW`Xi`fYg`W]b`]bW`i`XY`  
U`fYXi`W`h`cb`]b`a`Uf\_gž`Z]`]b[ `U`W`i`fgY`cf`Zc`f`h`Y`a`cghgYf]ci`g`a`UH`Y`fg`f]`\_`Y`d`U[ ]Uf]ga` ]b`Ub`l`cbci`fg`  
h`Y`g]g`L`Yj`Yb`gi`gdYbg]cb`Zca`h`Y`i`b]`Yfg]m`H`Y`Gh`XYbhA`]gW`bXi`W`h`DfcW`Xi`fYg`UfY`Uj`U]UV`Y`Y`fY`.

[k`k`k`"\[g`i`bgk`"YXi`"Ui`#d`U\[ \]Uf\]ga`\]W<`cbYgmiUbX`D`U\[ \]Uf\]ga`\]gW`bXi`W`h`DfcW`Xi`fYg`"dXZ`](#)



## 5 WUXYa ]W<Zcfa Uh]cb

7ci fgY'9j U'i Uh]cb 'UbX'8Yj Y'cda Ybhi

: YYXVUW\_`cb`h`Y`W`i fgY`]g`[ U`h`Y`f`Y`X`d`Y`f`c`X`]W`i`mi`g`b`[ `j`U`f`c`i`g`a`Y`U`b`g`z`]b`W`i`X`]b`[ `h`Y`i`B`G`K`  
a`m`9`l`d`Y`f`]Y`b`W`i`d`f`c`W`g`g`z`]b`Z`c`f`a`U`X`]g`W`g`g`]c`b`]b`h`Y`Z`b`U`W`U`g`g`Z`c`f`h`Y`W`i`f`g`Y`z`U`b`X`h`Y`G`W`c`c`"g`  
G`h`i`X`Y`b`h`G`H`J`Z`a`Y`Y`h`b`[`g`"M`c`i`f`Z`Y`X`V`U`W`\_`]g`h`U`\_`Y`b`g`Y`f`]c`i`g`n`z`U`b`X`W`c`b`h`b`i`U`"j`a`d`f`c`j`Y`a`Y`b`h`g`U`f`Y`a`U`X`Y`h`c`h`Y`  
W`i`f`g`Y`V`U`g`Y`X`z`]b`d`U`f`h`z`c`b`g`i`W`Z`Y`X`V`U`W`"

5`"gh`i`X`Y`b`h`g`U`f`Y`Y`i`d`Y`W`W`X`h`c`f`Y`U`X`U`b`X`V`Y`Z`J`a`]]U`f`k`]h`i`B`G`K`[`i`]X`Y`]b`Y`g`U`b`X`d`c`]W`g`"b`d`U`f`h`W`U`f`z`  
gh`i`X`Y`b`h`g`g`l`c`i`X`V`Y`Z`J`a`]]U`f`k`]h`h`Y`Z`c`k`]b`[`.

[E5hYbXUbW](#)

[E B G K `9a U\]`5XXfYgg](#)

[E G d Y W U `7 c b g \] X Y f U h \] c b](#)

[E 9 I U a . g](#)

[E 5 d d f c j . Y X `7 U `W `U h c f g](#)

[E 5 W U X Y a \] W < c b Y g m U b X `D `U \[ \] U f \] g a \\_](#)

[E 9 e i \] h U V `Y `@ Y U f b \] b \[ `G Y f j \] W g](#)

7 F ⇒ C G

7 F ⇒ C G `D f c j ] X Y f `7 c X Y . \$\$\$- , ;

5 W \_ b c k `Y X [ Y a Y b h i c Z 7 c i b h f m

K`Y`U`W`\_`b`c`k`Y`X`[`Y`h`Y`6`Y`X`Y`[`U`d`Y`c`d`Y`k`l`c`U`f`Y`h`Y`f`U`X`]h`c`b`U`W`g`h`c`X`]U`b`g`c`Z`h`Y`"U`b`X`g`c`b`k`l`]W`i`B`G`K`  
?`Y`b`g`]b`[`h`c`b`W`J`a`d`i`g`]g`c`W`U`h`Y`X`"

